



PRODUCT GUIDE



YOUR BEST SOLUTION™

Working with CRC®, Grainger associates can document value for end users.

SMARTWASHER® BIOREMEDIATING PARTS WASHER

OPPORTUNITY:

Grainger sellers should inquire about industrial parts washers, primarily being supplied by Safety-Kleen® or other similar suppliers. Use the term “sink on a barrel” parts washer when discussing opportunity with customer.

SOLUTION:

The customer can acquire and maintain a sustainable, environmentally-friendly, industrial parts washer that works as well or better than traditional parts washers. Proven cost savings on the Value Document.

Standard Parts Washer



If You See This

SmartWasher®



Upgrade Your Customer To This

Value Document

Show Cost Savings

MRO CHEMICALS

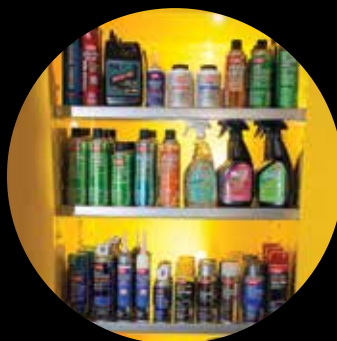
OPPORTUNITY:

Consolidate MRO Chemical spend through Grainger, eliminate suppliers, reduce inventory and SKUs – only stocking necessary items.

SOLUTION:

The CRC Risk Reduction Partnership Program brings the full breadth of CRC products to the user. CRC shows documented cost savings through consolidation, compliance and training. The CRC EZ Cross APP can be used by Grainger Inside Sales to offer alternative CRC products.

Before & After













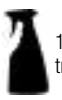












Product Consolidation

Value Document

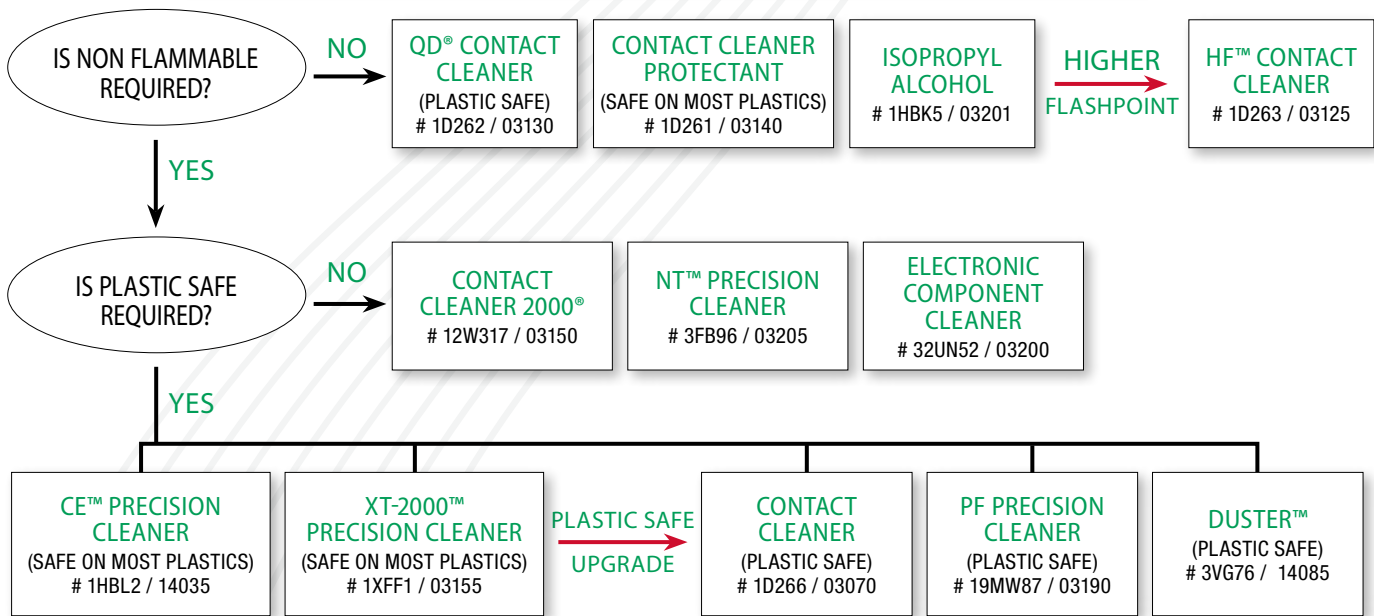
Show Cost Savings

	Industrial Cleaners.....	6		Greases	33
	Industrial Precision Cleaners.....	6		Mold Releases	36
	Heavy Duty Degreasers.....	8		Insecticides	37
	HydroForce® Aqueous Cleaners	11		Specialty Testing.....	38
	Drain Maintenance	12		Industrial Hand Cleaners	39
	Lubricants.....	13		Paints & Coatings	41
	Corrosion Inhibitors.....	21		Aviation Maintenance.....	42
	Electrical Maintenance.....	23		Vehicle Maintenance.....	43
	Electrical Precision Cleaners	23		Marine Maintenance.....	47
	Heavy Duty Degreasers.....	25		SmartWasher® Parts Cleaning System	52
	Electrical Cable Cleaners	26		Glossary of Terms.....	55
	Electrical Lubricants	27		NSF Category Codes	56
	Metalworking	28		Indices.....	57
	Sealants & Adhesives	29			
	Tool & Equipment Oils	31			
	Equipment	32			

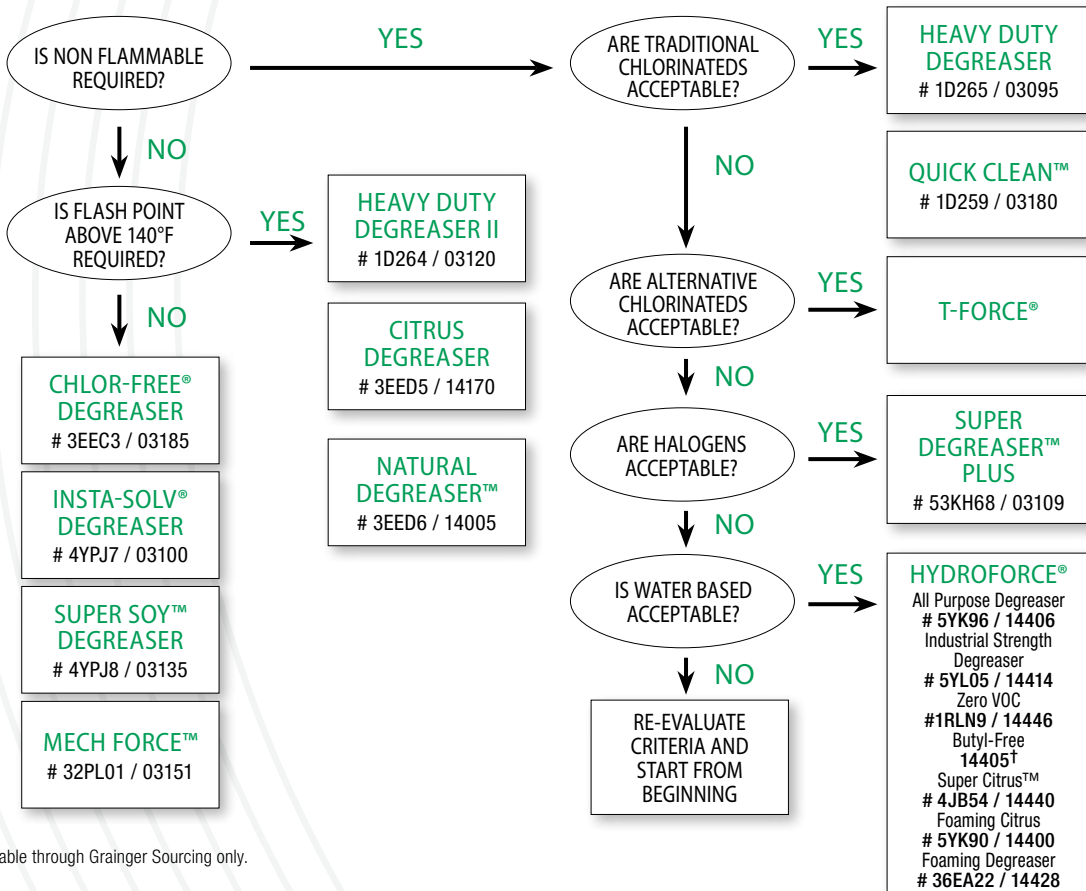
PACKAGE SIZE GUIDE

	2, 6, 8, 12, 16, 20 & 24 oz aerosol can		16 oz bottle		2 oz & 4 oz tube		8 oz spout can		6 oz & 8 oz pressurized tube with Select-a-Bead®
	12, 16 & 20 oz aerosol trigger can		16 oz stick		6 oz & 8 oz pressurized tube		1 & 5 gallon pail 35 pound pail		16 oz & 20 oz aerosol can with Perma-Lock® actuator
	16 oz & 32 oz trigger spray bottle		1 quart bottle		12 oz & 16 oz cartridge		55 gallon drum 400 pound drum		
	16 oz non-aerosol can w/trigger		1 quart bottle, 1 gallon bottle		carded		120 pound keg 275 gallon tote		Repair Patches 3" x 6" 6" x 9" 9" x 12"
	16 oz non-aerosol spray bottle		8 oz & 16 oz brush-top can		wipes		1 gallon tip & pour bottle		

LOOKING FOR A PRECISION CLEANER?

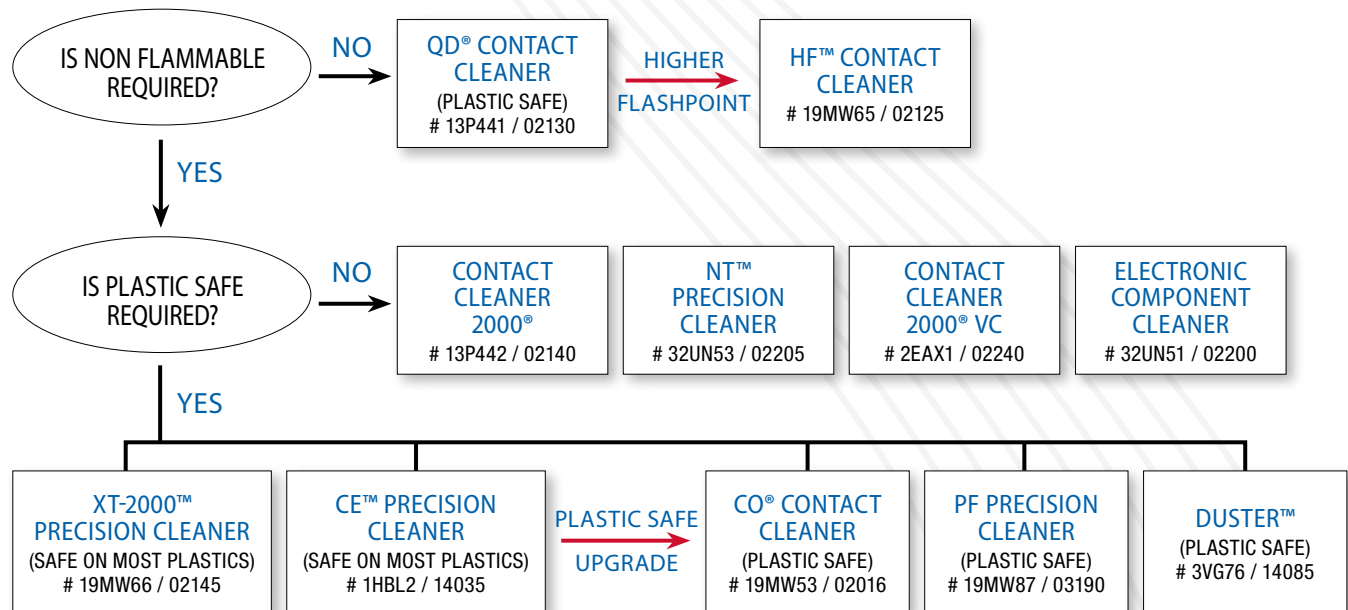


LOOKING FOR A HEAVY DUTY DEGREASER?

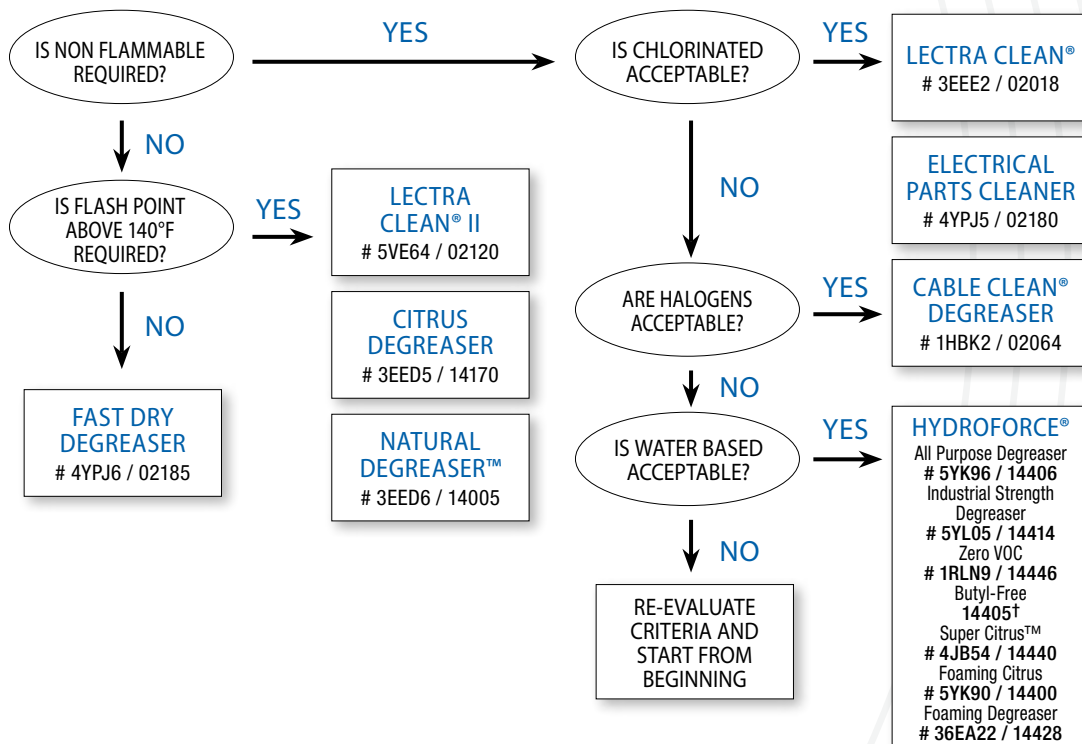


† — Items available through Grainger Sourcing only.

LOOKING FOR A PRECISION CLEANER?



LOOKING FOR A HEAVY DUTY DEGREASER?




† – Items available through Grainger Sourcing only.

CONTACT CLEANER 2000®

Precision Cleaner


An aggressive general purpose precision cleaner that effectively removes dirt, light oils and other contaminants. It evaporates quickly, leaves no residue and has no flash point. Not recommended for use on Noryl® or polycarbonate type plastics.

Part Number	Container Size	Units Per Case
12W317 / 03150  ¹	16 oz aerosol	12
32UN48 / 03152 ¹	5 gallon pail	1
32UN50 / 03153 ¹	55 gallon drum	1



PF PRECISION CLEANER


Innovative contact cleaner that offers strong cleaning action, fast evaporation and no residue. PF Precision Cleaner has no flash point and is safe to use on plastics.

Part Number	Container Size	Units Per Case
19MW87 / 03190  ¹	16 oz aerosol	12



NT™ PRECISION CLEANER

Patented formula NT™ Precision Cleaner relies on advanced COzol® technology to effectively remove dirt, light oils and other contaminants from electronic equipment. It evaporates quickly and leaves no residue. NT™ Precision Cleaner has no flash point and contains no Class I or Class II Ozone Depleting Chemicals and is an optimal alternative to HCFC 141b-based cleaners when sensitive plastics are not a concern.


Part Number	Container Size	Units Per Case
3FB96 / 03205  ¹	16 oz aerosol	12
32UN57 / 03208 ¹	55 gallon drum	1



ELECTRONIC COMPONENT CLEANER

Precision Cleaner


Aggressive cleaner for use on electronic components in industrial, electrical, and aviation applications. Its high purity, fast penetrating formula aggressively dissolves dust, lint, dirt, oils, polar soils, and other contaminants from most non-plastic surfaces. It evaporates very rapidly and leaves no residue.

Part Number	Container Size	Units Per Case
32UN52 / 03200  ¹	16 oz aerosol	12



XT-2000™ PRECISION CLEANER


A non-flammable, low odor and rapidly evaporating precision cleaner for use in electrical and industrial applications. Effectively removes dirt, light oils and other contaminants from electronic equipment.

Part Number	Container Size	Units Per Case
1XFF1 / 03155 	16 oz aerosol	12



QD® CONTACT CLEANER


A petroleum distillate and alcohol blended precision cleaner suitable for cleaning sensitive electronics. QD® evaporates quickly, leaves no residue and is safe to use on all plastics. QD® Contact Cleaner contains no Class I or Class II Ozone Depleting Chemicals.

Part Number	Container Size	Units Per Case
1D262 / 03130  [*]	16 oz aerosol	12
32UN58 / 03134 ^{1*}	1 gallon can	4
5YK64 / 03131 ^{1*}	5 gallon pail	1
3APN4 / 03132 ^{1*}	55 gallon drum	1



CONTACT CLEANER


Advanced Technology Formula Contact Cleaner does not contain known ozone depleting substances or VOCs. It provides an optimal alternative to CFC, HCFC, and flammable contact cleaners. Regular use will help prevent electrical failure, increase performance and prolong equipment life. Contact Cleaner will not damage sensitive modern plastics such as Noryl®, ABS and Lexan®.

Part Number	Container Size	Units Per Case
1D266 / 03070 	16 oz aerosol	12



CE™ PRECISION CLEANER

Azeotropic blend designed specifically for dissolving and flushing away carbon dust, polar soils, mineral oils and non-polar soils found in elevator rooms and vertical lifts. CE™ Precision Cleaner has a controlled evaporation rate, providing sufficient dwell time to dissolve and flush dirt from surfaces before evaporating without leaving a residue.

Part Number	Container Size	Units Per Case
1HBL2 / 14035 	16 oz aerosol	12



 – 360° spray valve can be sprayed in the UP or DOWN position.

¹ – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions

Noryl® and Lexan® are registered trademarks of General Electric Corporation

^{*}This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

ISOPROPYL ALCOHOL

Precision Cleaner

A quick drying light-duty precision cleaner for use in electronic and aviation applications. Its 99% pure formula aggressively dissolves grease, dust, dirt, lint, oils and flux.

Part Number	Container Size	Units Per Case
1HBK5 / 03201	16 oz aerosol	12



DUSTER™

Aerosol Dust Removal System

Safely removes dust from energized equipment without damaging sensitive components or surface finish. CRC Duster™ penetrates into cracks and crevices to remove contaminants that normal hand dusting cannot reach. It delivers a powerful blast of product to remove embedded debris. The extension tube can be used for more precise delivery. Energized equipment use only.

Part Number	Container Size	Units Per Case
3VG76 / 14085	12 oz aerosol trigger	12



HF™ CONTACT CLEANER

Petroleum distillate-based precision cleaner that offers the safety of a high flash point without leaving a residue. It may be used on most plastic materials. HF™ Contact Cleaner contains no Class I or Class II Ozone Depleting Chemicals.

Part Number	Container Size	Units Per Case
1D263 / 03125	16 oz aerosol	12
19MW83 / 03126	5 gallon pail	1



DUSTER™

Moisture-Free Dust & Lint Remover

Effectively removes dirt, dust, lint and other contaminants with a dry blast of air. Safely eliminates debris from sensitive electronics, appliances and equipment.

Part Number	Container Size	Units Per Case
19MX53 / 05185	16 oz aerosol trigger	12



CONTACT CLEANER & PROTECTANT

High purity precision cleaner that helps make equipment perform like new. Penetrates surface pores, cleans away contaminants and leaves a fine microscopic corrosion resistant film.

Part Number	Container Size	Units Per Case
1D261 / 03140*	16 oz aerosol	12



FREEZE SPRAY

Aerosol coolant system that instantly freezes surfaces to -60°F, dissipating heat and cooling equipment. Freeze Spray also assists in locating thermal intermittent components, failures and shorts. Safe to use on sensitive components and all surface finishes. Freeze Spray comes with an extension tube for precise application of the product.

Part Number	Container Size	Units Per Case
4YPK4 / 14086	12 oz aerosol trigger	12



⊙ – 360° spray valve can be sprayed in the UP or DOWN position.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

SUPER DEGREASER™

Non-chlorinated, non-conductive, non-corrosive, non-staining and with no flash point. Advanced Technology Formula Super Degreaser™ quickly dissolves grease, oil and sludge for more efficient operation of mechanical equipment. Super Degreaser™ evaporates rapidly and leaves no residue. It is an optimal alternative to 1,1,1-Trichloroethane products. Use caution on plastics.

Part Number	Container Size	Units Per Case
14U851 / 03910 ³	20 oz aerosol (MUO)	12
4JB41 / 03111 ³	1 gallon can	4
32UN71 / 03112 ³	5 gallon pail	1
3APL1 / 03113 ³	55 gallon drum	1
5VE56 / 03114 ³	16 oz non-aerosol can w/trigger	12



T-FORCE® DEGREASER

Utilizes revolutionary technology that combines the power of a high performance, industrial strength degreaser with lower VOCs. T-Force® Degreaser is non-conductive, non-corrosive, non-staining and has no flash point. It quickly dissolves grease, oil and sludge for more efficient operation of mechanical equipment. T-Force® Degreaser evaporates rapidly, leaves no residue and has a good health and safety profile. Does not contain nPB, TCE or Perc.

Part Number	Container Size	Units Per Case
32UN72 / 03116 ³	1 gallon bottle	4
32UN73 / 03117 ³	5 gallon pail	1
32UN74 / 03118 ³	55 gallon drum	1
36C086 / 03915 ³	20 oz aerosol (PowerJet® MUO)	12
446D90 / 03916 ^{3†}	20 oz aerosol (Non-flammable MUO)	12



SUPER DEGREASER™ PLUS

Non-chlorinated, non-conductive, non-corrosive, non-staining and with no flash point. High cleaning strength quickly dissolves grease, oil and sludge for more efficient operation of mechanical equipment. Evaporates quickly and leaves no residue.

Part Number	Container Size	Units Per Case
53KH68 / 03109 ¹	20 oz aerosol	12



MECH FORCE™ Industrial Degreaser

An innovative, non-chlorinated, heavy duty degreaser that removes oil, grease and other contaminants. This fast evaporating solvent is excellent for use where rapid turn-around is necessary and low flash point solvents can be used. It offers a high permissible exposure limit.

Part Number	Container Size	Units Per Case
32PL01 / 03151 ¹	20 oz aerosol	12



HEAVY DUTY DEGREASER

Quickly and effectively removes grease, oil, tar, dirt, grime, corrosion, sludge and other stubborn substances to increase operating efficiency of equipment. Heavy Duty Degreaser offers quick and efficient degreasing action and fast evaporation with no residue and no flash point. Use caution on plastics.

Part Number	Container Size	Units Per Case
1D265 / 03095 ¹	20 oz aerosol	12
1HBL3 / 03095 ^{1†}	20 oz aerosol w/ trigger	12
32UN68 / 03995 ³	20 oz aerosol (MUO)	12
4JB40 / 03096 ³	1 gallon bottle	4
32UN69 / 03097 ³	5 gallon pail	1
3APN5 / 03098 ³	55 gallon drum	1



† – Items available through Grainger Sourcing only.

1 – 360° spray valve can be sprayed in the UP or DOWN position.

1 – Item restricted from sale in some states and counties. See product page on Grainger.com for specific restrictions.

3 – Not for retail sale, for use in manufacturing establishments only.

QUICK CLEAN™

Safety Solvent and Degreaser

Effective heavy duty degreaser provides strong degreasing action, fast evaporation and no residue. It is non-flammable, does not contain VOCs, and contains no Class I or Class II Ozone Depleting Chemicals. Use caution on plastics and paints. Test on a small area before use.

Part Number	Container Size	Units Per Case
1D259 / 03180 ¹	20 oz aerosol	12
32UN70 / 03183 ³	5 gallon pail	1
3APL4 / 03184 ³	55 gallon drum	1



CITRUS DEGREASER

A unique heavy duty degreaser that is extremely effective for dissolving and removing grease, oil, lubricants and contaminants without requiring water wash off and without leaving a residue. Use caution on plastics and paints.

Part Number	Container Size	Units Per Case
3EED5 / 14170 ¹	20 oz aerosol	12
21GT84 / 14970 ³	20 oz aerosol (MUO)	12
4JB50 / 14171 ³	16 oz non-aerosol can w/trigger	12
4JB51 / 14172 ³	1 gallon bottle	4
6RA77 / 14173 ³	5 gallon pail	1
3APL2 / 14174 ³	55 gallon drum	1



NATURAL DEGREASER™

Citrus Based Degreaser

Specially formulated degreaser that offers the natural cleaning power of citrus. It does not require water wash-off, and does not leave a sticky residue commonly associated with citrus-based cleaners. Natural Degreaser™ contains no Class I or Class II Ozone Depleting Chemicals or chlorinated solvents. Use caution on plastics and paints.

Part Number	Container Size	Units Per Case
3EED6 / 14005	20 oz aerosol	12
3EEC5 / 14007 ¹	5 gallon pail	1
3APL6 / 14008 ¹	55 gallon drum	1



GASKET REMOVER

Paint and Decal Remover

Solvent-based, high strength cleaner that removes baked-on fiber gaskets, gasket adhesives and sealants. Dissolves and aids removal of paints, lacquers, and varnish. Removes graffiti from metal and stone.

Part Number	Container Size	Units Per Case
5YK56 / 03017	16 oz aerosol	12



HEAVY DUTY DEGREASER II

An excellent alternative for cleaning applications where chlorinated solvents are not acceptable. Heavy Duty Degreaser II effectively removes soils and cleans surfaces without residue build-up. Use caution on plastics.

Part Number	Container Size	Units Per Case
1D264 / 03120	20 oz aerosol	12
3EEC4 / 03121	1 gallon bottle	4
19MW81 / 03122	5 gallon pail	1
19MW82 / 03123	55 gallon drum	1



SUPER-SOY™ DEGREASER



A unique, biodegradable, heavy duty degreaser extremely effective in dissolving and removing grease, oil, lubricants, adhesives and tar. Specially formulated with soy bean and corn-based solvents, which are renewable resources that conserve non-renewable resources such as petroleum.

Part Number	Container Size	Units Per Case
4YPJ8 / 03135	20 oz aerosol	12



INSTA-SOLV® DEGREASER

An extremely low VOC content, non-chlorinated degreaser for use in industrial and electrical applications. Its fast evaporating formula aggressively dissolves grease, dirt, and oils from most non-plastic surfaces.

Part Number	Container Size	Units Per Case
4YPJ7 / 03100*	20 oz aerosol	12



¹ – 360° spray valve can be sprayed in the UP or DOWN position.

¹ – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions

³ – Not for retail sale, for use in manufacturing establishments only.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

CHLOR-FREE® DEGREASER

Innovative heavy duty non-chlorinated degreasing solvent that removes oil, grease and other contaminants. Excellent for use where rapid turn-around is necessary and low flash point solvents can be used. Use caution on plastics.

Part Number	Container Size	Units Per Case
3EEC3 / 031851*	20 oz aerosol	12
32UN66 / 039853*	20 oz aerosol (MUO)	12
3GRW4 / 031873*	5 gallon pail	1
3APN6 / 031883*	55 gallon drum	1
1XFC2 / 031893*	16 oz non-aerosol w/trigger	12



FOAMING COIL CLEANER

High performance, heavy duty foaming detergent designed to clean evaporator and condenser coils. The aggressive alkaline detergent blend quickly cuts through dirt, grease, oil and other types of residue. A low odor formula that does not require rinsing in most coil cleaning applications.

Part Number	Container Size	Units Per Case
19MW89 / 03196	20 oz aerosol	12



BATTERY CLEANER

Water soluble formula designed to remove corrosion quickly and economically while neutralizing acid spills. Use to restore battery output and reduce voltage leakage due to contaminants.

Part Number	Container Size	Units Per Case
2F133 / 03176	12 oz aerosol	12



INDUSTRIAL ADHESIVE REMOVER

Ideal for removing adhesive residue, tar, wax or other contaminants. Its penetrating formula can help remove stubborn labels and tape from multiple surfaces. VOC compliant in all 50 states[∞].

Part Number	Container Size	Units Per Case
45DY75 / 03250	20 oz aerosol	12
45DY76 / 03251	1 gallon bottle	4



COIL CLEANER

A versatile, chlorinated solvent-based cleaner that is extremely effective in removing grease and dirt on air conditioning and refrigeration coils. It aggressively dissolves grease, oil, and sludge for more efficient operation of mechanical equipment. Coil Cleaner evaporates quickly, and is non-corrosive, non-conductive, and non-staining.

Part Number	Container Size	Units Per Case
19MW88 / 03195 ¹	20 oz aerosol	12



CARB & CHOKE CLEANER

Low VOC formula designed to maximize carburetor performance, improve fuel system performance and ensure maximum fuel economy.

Part Number	Container Size	Units Per Case
2F135 / 03077*	16 oz aerosol	12



GRAFFITI REMOVER

CRC Graffiti Remover is a solvent-based, high strength cleaner that removes vandal marks from different types of surfaces. It quickly dissolves and aids in the removal of paints, pen marks, crayon, ink, lipstick, scuff marks, lacquers, and varnishes. CRC Graffiti Remover contains no methylene chloride.

Part Number	Container Size	Units Per Case
12W318 / 03194	16 oz aerosol	12



☺ – 360° spray valve can be sprayed in the UP or DOWN position.

∞ – As defined by Consumer Products VOC regulations.

1 – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions

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Do not apply while equipment is energized.

HYDROFORCE® INDUSTRIAL STRENGTH DEGREASER

Aqueous degreaser with the powerful performance of a solvent. Upon contact, HydroForce® Industrial Strength instantly begins to hunt-down, break-up and lift-off heavy deposits of grease, oil and dirt. It exhibits a unique spreadability that cleans up to four times the surface area of competitive products. Perfect for facilities seeking an alternative to traditional solvents.

Part Number	Container Size	Units Per Case
5YL05 / 14414	20 oz aerosol	12
3EEC9 / 14415 [†]	32 oz trigger spray bottle	12
3EED1 / 14416	1 gallon bottle	4
14417 [†]	5 gallon pail	1
3APL7 / 14418	55 gallon drum	1

HYDROFORCE® ALL PURPOSE DEGREASER

Versatile enough to use for all degreasing tasks. HydroForce® All Purpose breaks-up and lifts-off grease, oil and dirt deposits. HydroForce® All Purpose exhibits a unique spreadability that cleans up to three times the surface area as competing aqueous degreasers. Perfect for facilities seeking an improvement over their current all-purpose aqueous degreaser.

Part Number	Container Size	Units Per Case
5YK06 / 14406	20 oz aerosol	12
3EEC6 / 14407 [†]	32 oz trigger spray bottle	12
3EEC8 / 14408	1 gallon bottle	4
19MY33 / 14409	5 gallon pail	1
5YL01 / 14410	55 gallon drum	1
19MY36 / 14421	275 gallon tote	1

HYDROFORCE® ZERO VOC General Purpose Cleaner

Provides maximum regulatory compliance without performance compromises. It is strong enough to attack and remove tough dirt, dust and grime deposits; yet its moderate pH formula, biodegradability and zero VOC content make it versatile and safe enough to use daily for all your cleaning tasks. Formulated with a special polymer that keeps dirt and greasy soils from returning to surfaces.

Part Number	Container Size	Units Per Case
1RLN9 / 14446	32 oz trigger spray bottle	12
1RLP1 / 14447	1 gallon bottle	4
14449 [†]	55 gallon drum	1

HYDROFORCE® BUTYL-FREE ALL PURPOSE CLEANER

Butyl-free cleaner that is versatile enough for all of your cleaning tasks, but strong enough to attack and remove tough dirt, dust and grime deposits. HydroForce® Butyl-Free outcleans many competing aqueous cleaners containing butyl. Perfect for facilities seeking an efficacious all-purpose cleaner with maximum regulatory compliance.

Part Number	Container Size	Units Per Case
14405 [†]	20 oz aerosol	12
5YK91 / 14401	32 oz trigger spray bottle	12
5YK92 / 14402	1 gallon bottle	4
5YK94 / 14404	55 gallon drum	1

HYDROFORCE® GLASS CLEANER Professional Strength

Versatile enough to use on your most delicate glass surfaces, but strong enough to quickly cut through the toughest dirt, dust, fingerprint and haze deposits without streaking. Its ammonia-fortified formula contains a foaming agent for greater coverage and less run-off when cleaning vertical surfaces. HydroForce® Glass Cleaner is nearly twice as effective at eliminating streaks as other leading brands.

Part Number	Container Size	Units Per Case
5YL03 / 14412	20 oz aerosol	12
5YL02 / 14411	32 oz trigger spray bottle	12
3APL8 / 14427	55 gallon drum	1



[†] – Items available through Grainger Sourcing only.

1 – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions

HYDROFORCE® SUPER CITRUS™

Heavy Duty Degreaser

Naturally formulated degreaser that offers the superb cleaning power of citrus. HydroForce® Super Citrus™ dissolves grease, oil, ink, tar, asphalt and many other industrial residues.

Part Number	Container Size	Units Per Case
4JB54 / 14440	20 oz aerosol	12
3EEC7 / 14441	1 gallon bottle	4
19MY38 / 14442	5 gallon pail	1
3APL9 / 14443	55 gallon drum	1



HYDROFORCE® FOAMING CITRUS ALL PURPOSE CLEANER

Rich, foamy, aqueous-based cleaner with a citrus scent. HydroForce® Foaming Citrus clings to tough, stubborn stains on vertical or inverted surfaces without runs or drips. Its foaming action instantly begins to lift-off and eliminate dirt, dust, ink and grime deposits.

Part Number	Container Size	Units Per Case
5YK90 / 14400	20 oz aerosol	12



HYDROFORCE® GERMICIDAL FOAM CLEANER

Cleans, disinfects and deodorizes in one easy step. The rich, foamy aqueous based formula clings to vertical or inverted surfaces without runs or drips. HydroForce® Germicidal Foam Cleaner contains powerful cleaning agents that instantly lift off and eliminate dirt, dust, grease and grime. For sale in US, Puerto Rico and Mexico only.

Part Number	Container Size	Units Per Case
4JB53 / 14430	20 oz aerosol	12



HYDROFORCE® STAINLESS STEEL CLEANER & POLISH

Using an exclusive ultra shine formula, HydroForce® Stainless Steel Cleaner & Polish eliminates dirt, dust, fingerprints and watermarks and leaves behind a protective, non-greasy barrier that resists the return of these stains. Created specifically for industrial applications, Stainless Steel Cleaner is formulated with powerful cleaning agents designed to out-clean, out-shine and out-perform competing janitorial stainless steel cleaners.

Part Number	Container Size	Units Per Case
4JB52 / 14424	20 oz aerosol	12



VISICLEAR® DISPLAY & ELECTRONIC SCREEN CLEANER

Safely cleans TFT, LCD, Plasma, CRT and Touch Screens. This unique foam cleaner clings, won't drip, and is alcohol and ammonia free. Product is applied with a clean microfiber cloth or sprayed directly onto the display surface.

Part Number	Container Size	Units Per Case
05131†	8 oz aerosol	12



HYDROFORCE® FOAMING DEGREASER

A rich, foamy, aqueous based degreaser that removes dirt, dust, grease, ink and grime with a powerful cleaning agent that clings to vertical or inverted surfaces without runs or drips. It is aggressive enough to remove rubber marks but remains gentle enough for use on painted and plastic surfaces.

Part Number	Container Size	Units Per Case
36EA22 / 14428	20 oz aerosol	12



DRAIN MAINTENANCE

HYDROFORCE® DRAIN MAINTAINER

Natural, non-toxic, non-pathogenic bacteria formula helps keep drains clear. Consumes oils and greases to keep drains flowing free when used on a regular basis. This industrial strength, ready to use formula is safe and easy to dose. It uses natural microbes to consume waste.

Part Number	Container Size	Units Per Case
42DT87 / 14130	1 gallon bottle	4



HYDROFORCE® DRAIN RE-NU™

A fast acting alkaline based drain cleaner. Quickly acts to unclog drains and is completely soluble in water. Easy to measure tip & pour spout makes certain you are dosing the correct amount for maximum effectiveness. Formula is non-fuming, non-toxic, low odor, and non-acid. Works through standing water.

Part Number	Container Size	Units Per Case
39EM13 / 14125	1 gallon bottle	4



† – Items available through Grainger Sourcing only.

PENETRATING

KNOCK'ER LOOSE®

Penetrating Solvent

An industrial strength, low viscosity lubricant and penetrant designed to quickly loosen and free seized, bound or frozen fasteners. It quickly dissolves rust, scale, gum, grease and corrosion with a formula that creeps into cracks, seams, threads and joints better than the competition. Knock'er Loose® eases the disassembly of machinery, tools and equipment for routine maintenance and emergency repairs.

Part Number	Container Size	Units Per Case
12P768 / 03016 ①	6 oz aerosol	12
3EED4 / 03020 ①	16 oz aerosol	12
3EED9 / 03021	1 gallon bottle	4
12P769 / 03022	5 gallon pail	1
3APN8 / 03023	55 gallon drum	1
3EED8 / 03024	16 oz non-aerosol can w/trigger	12
12P770 / 03025	8 oz spout can	24



KNOCK'ER LOOSE® PLUS

Penetrating Solvent

A unique penetrant that immediately drops the temperature of the area in contact with the spray. The freeze shock action cracks rusted surfaces allowing Knock'er Loose® Plus to reach deeper and work more effectively than other penetrants.

Part Number	Container Size	Units Per Case
1MEC7 / 03027 ①*	20 oz aerosol	12

SCREWLOOSE®
SUPER PENETRANT

Screwloose® quickly penetrates through rust and corrosion to rapidly free corroded bolts, screws, fasteners, pins and bound mechanisms. Eases disassembly of mechanical equipment, fittings and fixtures.

Part Number	Container Size	Units Per Case
2F145 / 03060 ①	16 oz aerosol	12
4JB36 / 03062	1 gallon bottle	4



MULTI-PURPOSE

3-36®

Multi-Purpose Lubricant
and Corrosion Inhibitor

Multi-purpose lubricant, penetrant and corrosion inhibitor forms a clear, thin film that lubricates, prevents corrosion, displaces moisture and penetrates. 3-36® drives out moisture and leaves a thin, long lasting film to protect against corrosion.

Part Number	Container Size	Units Per Case
4JB28 / 03004 ①	6 oz aerosol	12
2F141 / 03005 ①	16 oz aerosol	12
4JB29 / 03007	16 oz trigger bottle	12
1HBK4 / 03006	1 gallon bottle	4
5VE52 / 03009	5 gallon pail	1
3APL3 / 03011	55 gallon drum	1



ULTRA-LITE 3-36®

An ultra-thin, non-staining dry film lubricant that resists oil, dust and dirt build-up. Penetrates into the most minute openings, sealing out moisture and preventing corrosion with an ultra-light protective film.

Part Number	Container Size	Units Per Case
3EEE4 / 03160 ①	16 oz aerosol	12
19MW84 / 03161	1 gallon bottle	4
19MW85 / 03162	5 gallon pail	1
19MW86 / 03163	55 gallon drum	1



INDUSTRIAL SILICONE

Multi-purpose silicone spray for industrial applications. It forms a colorless, odorless, non-staining film that lubricates and protects in most metal-to-non-metal applications. Silicone film eliminates binding and sticking, while protecting surfaces.

Part Number	Container Size	Units Per Case
36GG84 / 03032 ①*	16 oz aerosol	12




① — 360° spray valve can be sprayed in the UP or DOWN position.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

TECHNICAL GRADE 3-36®

Multi-Purpose Precision Lubricant

Multi-purpose, plastic safe lubricant, penetrant and corrosion inhibitor that helps prevent electrical malfunctions caused by water penetration, humidity, condensation or corrosion. Technical Grade 3-36® drives out moisture and leaves a thin, long lasting film to protect against corrosion. Excellent for use around modern plastics and insulators.

Part Number	Container Size	Units Per Case
4ZF10 / 03003 	16 oz aerosol	12



DRY PTFE LUBE


A multi-purpose, micro-thin film containing PTFE. Dry PTFE Lube penetrates and bonds to most surfaces including metal, wood, rubber, plastic and glass. It forms a micro-thin film that prevents sticking, reducing friction and wear.

Part Number	Container Size	Units Per Case
4JB33 / 03044	16 oz aerosol	12



ROLL-UP DOOR LUBRICANT

Superior lubricant that prevents friction and wear on all roll-up and overhead door assemblies. Its unique viscosity allows it to cover more surface area and penetrate deep into the surface of all metal components found in roll-up and overhead doors. Roll-Up Door Lubricant displaces moisture and leaves a thin, long-lasting film to protect against rust and corrosion.

Part Number	Container Size	Units Per Case
03029  †	16 oz aerosol	12



FOOD GRADE: NSF® H1 REGISTERED

FOOD GRADE SILICONE

Multi-purpose silicone spray for food processing and handling applications. It forms a colorless, odorless, non-staining film that lubricates and insulates in most metal to non-metal applications. Silicone film eliminates binding and sticking, while protecting most surfaces.

Part Number	Container Size	Units Per Case
4JB32 / 03039*†	16 oz non-aerosol trigger can	12
3EED7 / 03040*	16 oz aerosol w/Perma-Lock®	12
5VE47 / 03041*	5 gallon pail	1
3APN3 / 03042*†	55 gallon drum	1



FOOD GRADE MACHINE OIL

Extremely efficient and effective general purpose lubricant for use on food processing equipment. Food Grade Machine Oil penetrates and loosens rust, scale, dirt and corrosion to free parts and fasteners.

Part Number	Container Size	Units Per Case
2F132 / 03081	16 oz aerosol w/Perma-Lock®	12



FOOD GRADE PENETRATING OIL

An effective and efficient general purpose penetrant for use on food processing equipment. The highly refined white mineral oil is colorless, odorless and tasteless to meet NSF and FDA standards. Food Grade Penetrating Oil can be used to loosen rust, scale and corrosion around fasteners and hose fittings on food processing equipment.

Part Number	Container Size	Units Per Case
4JB37 / 03086	16 oz aerosol w/Perma-Lock®	12
4JB38 / 03087	1 gallon bottle	4
5GUH7 / 03088	5 gallon pail	1
03089†	55 gallon drum	1




FOOD GRADE WHITE GREASE

A high purity, high quality aluminum complex grease that provides superior lubrication and durability in many food and pharmaceutical processing applications. Designed for heavy load applications requiring a long grease life. Protects equipment against rust, oxidation and wear.

Part Number	Container Size	Units Per Case
1XFC1 / 03038*	16 oz aerosol w/Perma-Lock®	12



† – Items available through Grainger Sourcing only.

 – 360° spray valve can be sprayed in the UP or DOWN position.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.



SYNTHA-TECH™ LUBRICANT WITH PTFE

A non-flammable, zero VOC[∞], unique blend of synthetic lubricants that utilizes PTFE, anti-wear and extreme pressure additives to increase equipment life and performance. This food grade synthetic lubricant is NSF H1 Registered for use in meat and poultry facilities. Additionally, its long lasting film minimizes surface contact thereby extending lubricating intervals.

Part Number	Container Size	Units Per Case
12W314 / 03054	16 oz aerosol w/Perma-Lock®	12



FOOD GRADE CHAIN LUBE

A special blend of synthetic lubricants and mineral oil, designed to keep roller drive and conveyor chains lubricated. It is specifically designed to provide the convenience of aerosol application where incidental food contact may occur. Food Grade Chain Lube penetrates, lubricates and protects moving parts by reducing friction and wear.

Part Number	Container Size	Units Per Case
4JB34 / 03055	16 oz aerosol w/Perma-Lock®	12



FOOD GRADE BELT DRESSING

Provides a temporary, food grade, synthetic treatment for worn belts. Extends belt life by reducing slippage, hardening, glazing, dirt build-up and friction. Belt Dressing can be used on leather, rubber, canvas or fabric, and is ideally suited for flat, round and V-belts. Improves traction and reduces belt tension, relieving stress on motors, shafts and wheels for improved operating efficiency.

Part Number	Container Size	Units Per Case
1D267 / 03065*	16 oz aerosol w/Perma-Lock®	12



WATER BASED SILICONE

Non-flammable, NSF H1 Registered multi-purpose silicone spray for food processing and handling applications. It forms a white emulsion that is odorless and non-staining. It lubricates and protects in most metal to non-metal applications. Water Based Silicone is a silicone rich formula that eliminates binding and sticking, while protecting most surfaces.

Part Number	Container Size	Units Per Case
4YPJ3 / 03035	16 oz aerosol w/Perma-Lock®	12



FOOD GRADE DIELECTRIC GREASE

Lubricates, waterproofs and insulates with a thin, non-curing silicone compound. Dielectric Grease also provides an exceptional lubricant for fasteners used to support temporary electrical work. Excellent for lubricating and sealing rubber and plastic parts – including o-rings. Great for use in food processing environments where there may be a chance of incidental food contact.

Part Number	Container Size	Units Per Case
12W316 / 03085	6 oz pressurized tube	12



FOOD GRADE AIR TOOL OIL

A fully synthetic food grade oil that is formulated with the highest quality polyalphaolefin (PAO) base oil to meet the lubrication requirements of air line equipment.

Part Number	Container Size	Units Per Case
32PL02 / SL2300	1 quart bottle	6
12G575 / 04258	5 gallon pail	1



PREVENTION.
NOT
DETECTION.®

LOCKED IN FOR SAFETY INTEGRATED DESIGN POINTS:

- Secure Spray Straw Locks into Place
- Convenient No-Slip Grip
- Useful Catch Curb
- Wide Spray in the "Down" Position
- Precision Spray in the "Up" Position

3 – Not for retail sale, for use in manufacturing establishments only.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

∞ – As defined by Consumer Products VOC regulations.

FOOD GRADE: NSF® H1 REGISTERED

FOOD GRADE AIR TOOL OIL

A full synthetic food grade oil formulated with high quality polyalphaolefin (PAO) base oil to meet the lubrication requirements of air line equipment. Formulated with high performance antioxidants and anti-wear additives to meet the challenges of industrial environments.

ISO Grade	Product #	Container Size
32	32PL02 / SL2300	1 quart
	12G575 / 04258	5 gallon



FOOD GRADE SYNTHETIC COMPRESSOR OIL

High quality PAO base oils are used to provide long life in compressors. Typically 6,000 plus service hours in rotary screw compressors.

ISO Grade	Product #	Container Size
32/46	12G551 / 04202	5 gallon
	12G552 / 04203	55 gallon
68	12G553 / 04206	5 gallon
	12G554 / 04207	55 gallon
100	48VF86 / 04543	5 gallon
	48VF87 / 04544	55 gallon

FOOD GRADE COMPRESSOR FLUSH

For cleaning out system prior to changing oil

A synthetic (PAO) flushing fluid designed to remove varnish and sludge from compressors. It may be used as an intermediary step when transitioning from non-food grade to NSF H1 oils. May be used as a lubricant for up to 500 hours.

ISO Grade	Product #	Container Size
46	48VG19 / 04584	5 gallon
	48VG20 / 04585	55 gallon

FOOD GRADE REFRIGERATION COMPRESSOR OILS

Custom blended polyalphaolefin synthetic hydrocarbon fluid with additional seal treating properties. Conditions o-rings in ammonia systems and compatible with mineral oils. Applications include ice making machines, cold storage facilities and low temperature ammonia refrigeration systems.

ISO Grade	Product #	Container Size
32	48VG01 / 04560	5 gallon
	48VG02 / 04561	55 gallon
68*	48VG03 / 04564	5 gallon
	48VG04 / 04565	55 gallon

*Contains Seal Conditioner

DIRECT FOOD CONTACT WHITE OILS

NSF 3H White Oils are purified mineral oils that are edible, colorless, odorless, and tasteless. These products are useful in coating and release applications.

ISO Grade	Product #	Container Size
Pan Divider Oil 15	48VG21 / 04590	5 gallon
	48VG22 / 04591	55 gallon
22	48VG23 / 04592	5 gallon
	48VG24 / 04593	55 gallon
46	48VG25 / 04594	5 gallon
	48VG26 / 04595	55 gallon
100	48VG27 / 04596	5 gallon
	48VG28 / 04597	55 gallon

FOOD GRADE CHAIN LUBES

High Temp Synthetic PAG Oils are biodegradable and have much higher load and wear properties than H1 White Oils or PAOs.

ISO Grade	Product #	Container Size	Chain Lubes
100	12G576 / 04261	5 gallon	Food Grade Proofer Chain Lube (USP White Oil) (0 to 375°F)
	12G577 / 04262	55 gallon	
100	12G578 / 04264	5 gallon	Food Grade Synthetic Chain Lube PAO (-5 to 450°F)
	12G579 / 04265	55 gallon	
100	12G582 / 04269	5 gallon	Food Grade Chain Lube (Mineral Oil) (8 to 325°F)
	12G583 / 04270	55 gallon	
220	12G580 / 04267	5 gallon	Food Grade High Temp Synthetic Chain Lube (-5 to 600°F)
	12G581 / 04268	55 gallon	
130	48VG15 / 04580	5 gallon	Food Grade Synthetic PAG Chain Oil (-30 to 600°F)
	48VG16 / 04581	55 gallon	
220	48VG17 / 04582	5 gallon	Food Grade Synthetic PAG Chain Oil (-20 to 600°F)
	48VG18 / 04583	55 gallon	

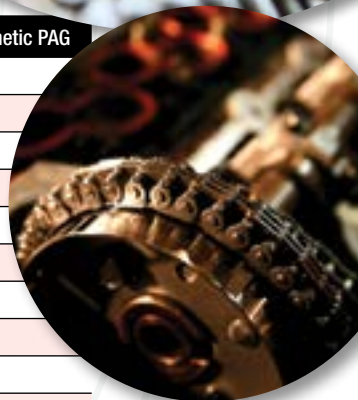
FOOD GRADE HYDRAULIC OILS

ISO Grade	Container Size	Mineral Base Oil	Synthetic PAO
22	5 gallon	19MX09 / 04218	48VF88 / 04545
	55 gallon	19MX10 / 04219	48VF89 / 04546
32	5 gallon	19MX11 / 04220	48VF90 / 04547
	55 gallon	19MX12 / 04221	48VF91 / 04548
46	5 gallon	12G559 / 04222	12G555 / 04212
	55 gallon	12G560 / 04223	12G556 / 04213
68	5 gallon	12G561 / 04226	12G557 / 04216
	55 gallon	12G562 / 04227	12G558 / 04217
100	5 gallon	19MX13 / 04228	48VF92 / 04549
	55 gallon	19MX14 / 04229	48VF93 / 04550
150	5 gallon	19MX15 / 04230	
	55 gallon	19MX16 / 04231	

FOOD GRADE GEAR OILS

PAG Gear Oils are engineered to provide significantly improved wear, oxidation, and lubricity versus PAO and mineral based gear oils. Typical industrial applications include sperm helical, bevel, and worm gears.

ISO Grade	Container Size	Mineral Base Oil	Synthetic PAO	High Performance Synthetic PAG
150	5 gallon		48VF94 / 04551	48VG05 / 04570
	55 gallon		48VF95 / 04552	48VG06 / 04571
220	5 gallon	12G569 / 04246	12G563 / 04232	48VG07 / 04572
	55 gallon	12G570 / 04247	12G564 / 04233	48VG08 / 04573
320	5 gallon	12G571 / 04250	12G565 / 04236	48VG09 / 04574
	55 gallon	12G572 / 04251	12G566 / 04237	48VG10 / 04575
460	5 gallon	12G573 / 04254	12G567 / 04242	48VG11 / 04576
	55 gallon	12G574 / 04255	12G568 / 04243	48VG12 / 04577
680	5 gallon	48VF98 / 04555	48VF96 / 04553	48VG13 / 04578
	55 gallon	48VF99 / 04556	48VF97 / 04554	48VG14 / 04579



HEAVY DUTY

POWER LUBE®

High-Performance Lubricant w/PTFE

High performance, multi-purpose lubricant with the benefits of PTFE to provide long lasting lubrication and protection against friction, wear and corrosion. Power Lube® will increase the life and operating efficiency of parts and equipment, as well as withstand extreme load carrying situations.

Part Number	Container Size	Units Per Case
3EE3 / 03045*	16 oz aerosol	12

PARCEL GLIDE®
SILICONE LUBRICANT

Silicone spray for package handling applications. It forms a colorless, odorless, non-staining film that lubricates and insulates most metal to non-metal applications. Silicone film eliminates binding and sticking of packages, while protecting most surfaces.

Part Number	Container Size	Units Per Case
3DUF8 / 03139*	16 oz non-aerosol spray can	12



EXTREME DUTY SILICONE

Premium grade silicone fluid that exhibits superior lubrication and temperature viscosity characteristics. Use Extreme Duty Silicone on all metallic and non-metallic surfaces. Clear, non-staining, odorless and reduces friction and galling.

Part Number	Container Size	Units Per Case
3EED2 / 03030 1	16 oz aerosol	12



CHUTE LUBE®

Silicone Lubricant

Chute Lube® helps boxes glide down chutes and rails on package handling and sorting conveyors. Silicone spray for package handling applications minimizes corrosion and provides excellent lubricity. Its colorless, odorless, non-staining film lubricates and protects in most metal to non-metal applications. Eliminates the binding and sticking of packages and boxes, while protecting most surfaces even in wet conditions.

Part Number	Container Size	Units Per Case
1HBK9 / 03204*	20 oz aerosol	12
4YPJ2 / 03220	16 oz non-aerosol	12
1YNX1 / 03222	5 gallon pail	1
19MW90 / 03223	55 gallon drum	1

EXTREME DUTY
OPEN GEAR & CHAIN LUBE

A tough, tacky, solid film lubricant used for reducing friction and wear. It is a heavy-duty compound with exceptional "stay-put" characteristics. It provides maximum lubrication and shock protection, reduces gear noise, lubricates, prevents scoring and welding of gear teeth.

Part Number	Container Size	Units Per Case
1HBK7 / 03058†	16 oz aerosol	12

HEAVY DUTY CLEAR
PENETRATING GREASE

High tack, clear lubricating gel provides superior lubrication and withstands high temperatures and pressures. Penetrates deep to form a tenacious, long-lasting film and is resistant to acids, alkalis, salt, oxidation, weather and steam. This heavy duty clear penetrating gel can extend the operating service life of equipment and reduce wear, galling and scarring.

Part Number	Container Size	Units Per Case
12W315 / 03056**	20 oz aerosol	12

CHAIN & WIRE ROPE
LUBRICANT

Specifically formulated blend of synthetic lubricants and an organic molybdenum, anti-wear additive that penetrates deep, and leaves a tough film that lubricates and protects. Chain & Wire Rope Lube extends the working life of chains and wire rope and reduces wear caused by friction and corrosion.

Part Number	Container Size	Units Per Case
2F139 / 030501*	16 oz aerosol	12



DRY MOLY LUBE

Specially formulated dry film lubricant incorporating a concentrated dispersion of Molybdenum Disulfide (MoS₂). Dry Moly Lube lowers friction, prevents galling and helps to reduce torque and energy consumption.

Part Number	Container Size	Units Per Case
2F138 / 03084*	16 oz aerosol	12



1 – 360° spray valve can be sprayed in the UP or DOWN position.

1 – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

OILFIELD DRY MOLY LUBE

Fast drying film resists dirt and dust buildup. Good adhesion and long lasting formula. Lowers friction, prevents galling and helps to reduce torque and energy consumption. High anti-friction and anti-seize properties.

Part Number	Container Size	Units Per Case
49XX25 / 03284*	16 oz aerosol	12



DRY GRAPHITE LUBE

A dry film lubricant that is ideal for applications where petroleum products must be avoided. Dry Graphite Lube bonds instantly to metal, rubber, plastic and most substrates to form a dirt repelling barrier that lubricates and protects the surface from pressure and friction. Withstands temperatures up to 850°F and extreme pressures, as well as water and chemical attack.

Part Number	Container Size	Units Per Case
4JB39 / 03094*	16 oz aerosol	12



RED GREASE

Heavy-duty, NLGI Grade 2 aluminum complex based grease that provides superior lubrication and withstands high temperature and high pressure. It penetrates deep to form a tenacious, long lasting thick film. Red Grease is waterproof and resistant to acids, alkalis, salt, oxidation, weather and steam. It can extend the operating service life of equipment and reduce wear, galling and scoring.

Part Number	Container Size	Units Per Case
1HBK8 / 03079*	16 oz aerosol	12



WHITE LITHIUM GREASE

High-purity, high-quality, NLGI Grade 2 white lithium-based aerosol grease that provides superior lubrication and durability in any weather or temperature. Excellent as a break-in lubricant for bearings, and for general purpose lubrication and corrosion protection of machinery, tools and equipment.

Part Number	Container Size	Units Per Case
4ZF09 / 03080*	16 oz aerosol	12



DIELECTRIC GREASE

Unique, non-curing silicone compound used for electrical sealing, lubricating, protecting and insulating. Dielectric Grease waterproofs electrical connections and components to protect against arcing due to moisture and other contaminants.

Part Number	Container Size	Units Per Case
2F136 / 03082*	16 oz aerosol w/Perma-Lock®	12



TAC 2® ADHESIVE CHAIN LUBRICANT

Low viscosity formula provides the ability to penetrate and thoroughly coat vital chain pin and bushing areas. Contains Molybdenum which provides cling-ability to avoid sling-off or excess dripping. High temperature stability (up to 350°F continuous). Blue color allows instant identification of lubricated parts and equipment.

Part Number	Container Size	Units Per Case
21C339 / 03076*	16 oz aerosol	12



INNER SLIDE LUBE

Lubricates and increases slide motion, extending forklift equipment life. Fortified with Molybdenum Disulfide and extreme pressure additives. Resists pound out under severe lubrication requirements. Adheres to metal surfaces and protects against rust and corrosion.

Part Number	Container Size	Units Per Case
36F364 / 05305*	16 oz aerosol	12



WELDER'S ANTI-SPATTER

Prevents spatter from adhering to surrounding metal surfaces during welding. Eliminates the need to chisel, grind or wire brush after welding. Water-based formula allows easy clean-up without the use of solvent cleaners.

Part Number	Container Size	Units Per Case
2F137 / 03083	16 oz aerosol	12



COPPER ANTI-SEIZE & LUBRICATING COMPOUND

General purpose anti-seize lubricant that prevents seizing and galling caused by high temperature, heavy loads, vibration and corrosion. This unique formula has a smooth texture, fine particle sizing and familiar copper color, making it an excellent choice for closely fitted parts needing extreme lubrication.

Part Number	Container Size	Units Per Case
13P455 / SL35901	8 oz brush top bottle	12
13P456 / SL35903	16 oz brush top bottle	12
13P451 / 14095*	16 oz aerosol	12



1 – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

LOCK LUBE AND DE-ICER

Long lasting graphite formula lubricates seized and frozen locks allowing for smooth operation.

Part Number	Container Size	Units Per Case
48TA27 / 03119	2 oz aerosol	24



NICKEL ANTI-SEIZE & LUBRICATING COMPOUND

Nickel-based formulation that is free of copper, lead, sulfides and chlorides. Protects metal-to-metal applications from seizing and galling caused by high temperatures, heavy loads, vibration, chemicals and corrosion. Protects parts up to 2400°F.

Part Number	Container Size	Units Per Case
13P457 / SL35911	8 oz brush top bottle	12
13P458 / SL35913	16 oz brush top bottle	12



NUCLEAR GRADE ANTI-SEIZE & LUBRICATING COMPOUND

A premium high temperature lubricant that offers superior protection against rust and corrosion. This product contains chemically-pure nickel flake in an ashless synthetic fluid thickened by water-resistant complex soap and high carbon synthetic graphite, which has the additional benefit at high temperatures of providing lower torques for easy disassembly. Nuclear Grade Anti-Seize contains no copper, lead, sulfur, halogens, or other ingredients that may poison reactor catalyst beds.

Part Number	Container Size	Units Per Case
13P460 / SL35921	16 oz brush-top bottle	12



FOOD GRADE ANTI-SEIZE & LUBRICATING COMPOUND

A premium quality anti-seize compound developed specifically for use in applications where incidental food contact is possible and is composed entirely of ingredients that meet NSF H1 requirements. This aluminum complex based anti-seize protects metal parts from seizure, galling, rust, corrosion, and heat freeze by tenaciously adhering to the metal surface.

Part Number	Container Size	Units Per Case
4JB57 / SL35905	8 oz brush-top bottle	12
4JB58 / SL35906	16 oz brush-top bottle	12



THREAD LUBRICANT

A general purpose lubricant that prevents seizing caused by corrosion. Thread Lubricant aids assembly and disassembly, prevents rust and corrosion, and helps reduce costly downtime and breakage. This unique formula has a smooth texture, and fine particle sizing making it an excellent choice for closely fitted parts that need lubrication.

Part Number	Container Size	Units Per Case
19NA15 / SL35924	2 oz tube	50
19NA16 / SL35925	8 oz brush-top bottle	6





SP-250™

Corrosion Inhibitor

Thin-film, water displacing, corrosion inhibitor that will not emulsify, even in the presence of alkali. Use for process parts drying and protection of all metals, protection for parts subjected to high humidity conditions, anti-corrosion coating for shrink wrapped parts, and moisture displacement for finished parts.

Part Number	Container Size	Units Per Case
19MW19 / 03226	5 gallon pail	1
3APP1 / 03228	55 gallon drum	1

SP-300™

Corrosion Inhibitor

Unique blend of solvents, oils and corrosion inhibitors that quickly displaces moisture, excess water-based coolants and grinding compounds. Short-to-medium term protection. Non-drying film protects indoors up to 9 months.

Part Number	Container Size	Units Per Case
19MW92 / 03246	5 gallon pail	1

SP-350™

Corrosion Inhibitor

Provides protection for metal parts and assemblies that are stored indoors or in shipment. SP-350™ promotes easy start-up of stored equipment.

Part Number	Container Size	Units Per Case
3EEC2 / 03262	16 oz aerosol	12
4YPH9 / 03266	5 gallon pail	1
19MW94 / 03268	55 gallon drum	1



SP-400™

Corrosion Inhibitor

Long-term indoor/outdoor corrosion inhibitor for machined surfaces and assemblies subjected to long periods of storage or adverse shipping conditions. Provides protection of all equipment subject to heat, humidity, chemicals or severely corrosive atmospheres.

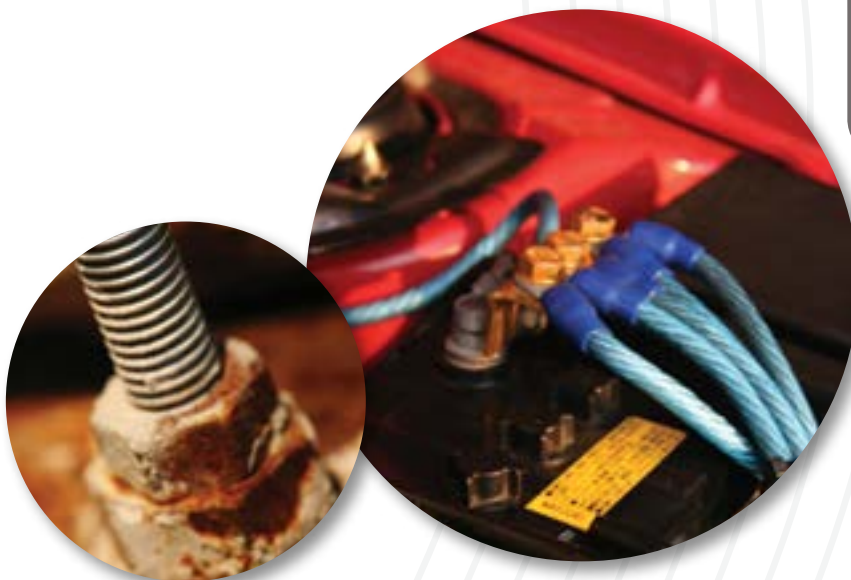
Part Number	Container Size	Units Per Case
2F143 / 03282*	16 oz aerosol	12
4YPJ1 / 03286	5 gallon pail	1
3APP2 / 03288	55 gallon drum	1



BATTERY TERMINAL PROTECTOR

Apply to battery terminals to provide a soft, dry, lead-free protective coating that keeps moisture, salts and road grime from corroding metal contacts. Enhances battery life and power by preventing corrosion-related leakage.

Part Number	Container Size	Units Per Case
2F134 / 03175*	12 oz aerosol	12



① – 360° spray valve can be sprayed in the UP or DOWN position.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

STEEL RE-NU®**Stainless Steel Coating**

Quick-drying, 100% #316L stainless steel coating provides corrosion resistance and protection against weather, sunlight, oil and water, in a variety of environments including marine, utility, chemical processing, food manufacturing and general maintenance repair.

Part Number	Container Size	Units Per Case
33KL48 / 18211*	16 oz aerosol	6

**SEAL COAT®****Urethane Coating**

Urethane Seal Coat® provides a conformal polyurethane coating that insulates electrical equipment and seals out water and moisture. Clear allows for visualization of equipment; Red provides striking contrast. Clear formulation is an excellent insulator of PC boards, since it allows visualization of circuit paths.

Part Number	Container Size	Units Per Case
4YPK2 / 18410*	Red 16 oz aerosol	12
4YPK3 / 18411*	Clear 16 oz aerosol	12

**ZINC-IT®****Instant Cold Galvanize**

High-performance coating of >93% pure zinc that electrochemically bonds with ferrous metals to form a galvanic cell. Zinc-It® is an excellent touch-up for damaged galvanized coatings.

Part Number	Container Size	Units Per Case
5YL13 / 18412*	16 oz aerosol	12
19MY71 / 18413	1 gallon can	1

**RUST CONVERTER**

CRC Rust Converter neutralizes rust and converts it to a tough, black primer in one easy step. Fast drying coating can be painted over. Prevents future rusting by sealing out moisture and other outside elements with oil-based paint. Applications include vehicles, trailers, railings, bridges, equipment, storage tanks, transmission towers, etc.

Part Number	Container Size	Units Per Case
19MY72 / 18418	1 quart bottle	12
19MY73 / 18419	1 gallon bottle	4

**BRIGHT ZINC-IT®****Instant Cold Galvanize**

Acrylic based, light duty sacrificial zinc coating that inhibits corrosion and provides the beauty of a high shine bright metallic finish. Recommended for touch-up and repair of bright finish, hot-dip galvanized surfaces.

Part Number	Container Size	Units Per Case
5 YL14 / 18414*	16 oz aerosol	12

**RUST REMOVER**

CRC Rust Remover is a safe, effective, fast acting formula that removes rust, not metal. It leaves metal clean and ready to paint, plate or powder coat. No heavy wire brushing or sand blasting required. CRC Rust Remover removes only the rust and will not damage metal surfaces

Part Number	Container Size	Units Per Case
19MY75 / 18421	1 gallon bottle	4




*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

CONTACT CLEANER 2000®

Precision Cleaner


Provides fast cleaning action for the removal of dirt, light oils and other contaminants. It evaporates quickly, leaves no residue, has no flash or fire point, and contains no Class I or Class II Ozone Depleting Chemicals. Not recommended for use on Noryl® or polycarbonate type plastics.

Part Number	Container Size	Units Per Case
13P442 / 02140 	16 oz aerosol	12
32UN47 / 02142 ¹	5 gallon pail	1
32UN49 / 02143 ¹	55 gallon drum	1



XT-2000™ PRECISION CLEANER


A non-flammable, low odor, rapidly evaporating precision cleaner for use in electrical and industrial applications. Effectively removes dirt, light oils and other contaminants from electronic equipment. It is safe on most plastics and has no flash point.

Part Number	Container Size	Units Per Case
19MW66 / 02145 	16 oz aerosol	12



NT™ PRECISION CLEANER


Patented formula NT™ Precision Cleaner relies on advanced COzol® technology to effectively remove dirt, light oils and other contaminants from electronic equipment. It evaporates quickly and leaves no residue. NT™ Precision Cleaner has no flash point and contains no Class I or Class II Ozone Depleting Chemicals and is an optimal alternative to HCFC 141b-based cleaners when sensitive plastics are not an issue.

Part Number	Container Size	Units Per Case
32UN53 / 02205 	16 oz aerosol	12



CO® CONTACT CLEANER

Advanced Technology Formula CO® Contact Cleaner does not contain known ozone depleting substances and is VOC exempt. Its blend of HFE and HFC solvents provide an optimal alternative to CFC, HCFC and flammable contact cleaners. Regular use of CO® Contact Cleaner will help prevent electrical failures, increase performance and prolong equipment life by dissolving and rinsing away contaminants.


Part Number	Container Size	Units Per Case
19MW53 / 02016 	16 oz aerosol	12
2YE16 / 02017 ¹	16 oz non-aerosol can w/trigger	12



CONTACT CLEANER 2000® VC

Precision Cleaner


Contact Cleaner 2000® VC is an aggressive advanced COzol® technology alternative precision cleaner designed to remove contaminants from electronic equipment. It provides an effective alternative to HCFC 141b-based cleaners when sensitive plastics are not a concern. Contains no Class I or Class II Ozone Depleting Chemicals. It is VOC compliant in all 50 states.[∞]

Part Number	Container Size	Units Per Case
2EAX1 / 02240 	16 oz aerosol	12



PF PRECISION CLEANER


Innovative contact cleaner that offers strong cleaning action, fast evaporation and no residue in electronic cleaning applications. PF Precision Cleaner has no flash point and is safe to use on plastics.

Part Number	Container Size	Units Per Case
19MW70 / 02190 	16 oz aerosol	12



QD® CONTACT CLEANER

A petroleum distillate and alcohol blended precision cleaner suitable for sensitive electronics. QD® evaporates quickly, leaves no residue and is safe to use on all plastics. QD® Contact Cleaner contains no Class I or Class II Ozone Depleting Chemicals. Ideal for applications where lower flash point solvents can be used.

Part Number	Container Size	Units Per Case
13P441 / 02130 	16 oz aerosol	12
32UN59 / 02131 ¹ *	5 gallon pail	1
32UN60 / 02132 ¹ *	55 gallon drum	1
6RA76 / 02133 ¹ *	16 oz non-aerosol can w/trigger	12



 – 360° spray valve can be sprayed in the UP or DOWN position.

∞ – As defined by Consumer Products VOC regulations.

¹ – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions


*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

Noryl® is a registered trademarks of General Electric Corporation

ELECTRONIC COMPONENT CLEANER

Precision Cleaner


Aggressive precision cleaner for use on electronic components in industrial, electrical, and aviation applications. Its high purity, fast penetrating formula aggressively dissolves and rinses away dust, lint, dirt, oils, polar soils, and other contaminants from most non-plastic surfaces. It evaporates very rapidly, leaves no residue, and has no flash point.

Part Number	Container Size	Units Per Case
32UN51 / 02200 	16 oz aerosol	12



HF™ CONTACT CLEANER

Petroleum distillate-based precision cleaner that offers the safety of a high flashpoint without leaving a residue. It may be used on most plastic materials. HF™ Contact Cleaner contains no Class I or Class II Ozone Depleting Chemicals.

Part Number	Container Size	Units Per Case
19MW65 / 02125 	16 oz aerosol	12



HOT LINE TOOL CLEANER & PROTECTANT WIPES

These pre-moistened, disposable wipes are saturated with a special cleaner and protectant designed to effectively clean dirty fiberglass hot line tools while leaving behind a protectant to help keep them clean. The convenient 8" x 10.5" wipes allow for easy one-time use and eliminate the need for rags and storing bulk chemicals.

Part Number	Container Size	Units Per Case
19MX08 / 04110	Box of 50 wipes	1



DUSTER™

Aerosol Dust Removal System


Safely removes dirt and dust from energized equipment without damaging sensitive components or surface finish. CRC Duster™ penetrates into cracks and crevices to remove contaminants that normal hand dusting cannot reach. It delivers a powerful blast of product to remove embedded debris. The extension tube can be used for more precise delivery. Energized equipment use only.

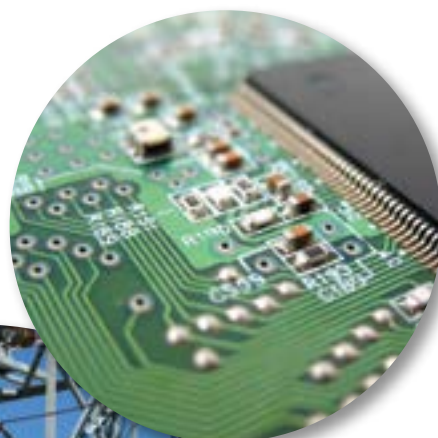
Part Number	Container Size	Units Per Case
3VG76 / 14085	12 oz aerosol trigger	12



CE™ PRECISION CLEANER

Azeotropic blend designed specifically for dissolving and flushing away carbon dust, polar soils, mineral oils and non-polar soils found in elevator rooms and vertical lifts. CE™ Precision Cleaner has a controlled evaporation rate, providing sufficient dwell time to dissolve and flush dirt from surfaces before evaporating without leaving a residue. Low odor.

Part Number	Container Size	Units Per Case
1HBL2 / 14035 	16 oz aerosol	12



 – 360° spray valve can be sprayed in the UP or DOWN position.

1 – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions

LECTRA CLEAN®**Heavy Duty Electrical Parts Degreaser for Energized Equipment**

Quickly and effectively removes grease, oil, tar, dirt, grime, corrosion, sludge and other stubborn substances from energized electrical equipment to increase operating efficiency. Lectra Clean® offers quick & efficient degreasing action, fast evaporation and no residue. With no flash point, it is an excellent alternative to 1,1,1-based cleaning products. Use caution near plastics. Designed specifically to be safe for use on energized electrical equipment.

Part Number	Container Size	Units Per Case
3EEE2 / 02018	20 oz aerosol	12
19MW54 / 02020	1 gallon bottle	4
19MW55 / 02021	5 gallon pail	1
3APN2 / 02023	55 gallon drum	1

**LECTRA FORCE™****Electrical Cleaner**

Lectra Force™ utilizes revolutionary technology that combines the power of a high performance, industrial strength degreaser with lower VOCs. It quickly dissolves grease, oil and sludge for more efficient operation of electrical equipment. Lectra Force™ evaporates rapidly, leaves no residue, and has a good health and safety profile.

Part Number	Container Size	Units Per Case
45FG57 / 02115 ¹	20 oz aerosol	12

**CITRUS DEGREASER**

A unique, heavy duty degreaser that is extremely effective for dissolving and removing grease, oil, lubricants and contaminants without requiring water wash off and without leaving a residue. Use caution on plastics and paints.

Part Number	Container Size	Units Per Case
3EED5 / 14170 [Ⓢ]	20 oz aerosol	12
21GT84 / 14970 ³	20 oz aerosol (MUO)	12
4JB50 / 14171 ³	16 oz non-aerosol can w/trigger	12
4JB51 / 14172 ³	1 gallon bottle	4
6RA77 / 14173 ³	5 gallon pail	1
3APL2 / 14174 ³	55 gallon drum	1

**LECTRA CLEAN® II**

An excellent alternative for cleaning electric motors and equipment where chlorinated solvents are not acceptable. Lectra Clean® II effectively removes soils and cleans surfaces without residue build-up. Use caution on plastics. Non-conductive, non-corrosive, low odor.

Part Number	Container Size	Units Per Case
5VE64 / 02120	20 oz aerosol	12
19MW63 / 02121	1 gallon bottle	4
13P440 / 02122	5 gallon pail	1
19MW64 / 02124	55 gallon drum	1

**ELECTRICAL PARTS CLEANER for Energized Equipment**

Effective heavy duty electrical cleaner provides strong degreasing action, fast evaporation and no residue when cleaning energized electrical parts and equipment. It is non-flammable, VOC exempt and contains no Class I or Class II Ozone Depleting Chemicals. Use caution near plastics and paints. Designed specifically to be safe for use on energized electrical equipment.

Part Number	Container Size	Units Per Case
4YPJ5 / 02180	20 oz aerosol	12
13P444 / 02183	5 gallon pail	1

**FAST DRY DEGREASER**

Innovative heavy duty non-chlorinated degreasing solvent. Excellent for cleaning electrical equipment where rapid turn-around is necessary and low flash point solvents can be used. Use caution on plastics.

Part Number	Container Size	Units Per Case
4YPJ6 / 02185 ^{1*}	20 oz aerosol	12

**NATURAL DEGREASER™****Citrus-Based Degreaser**

Naturally formulated degreaser that offers the natural cleaning power of citrus. It does not require water wash-off, and does not leave a sticky residue commonly associated with citrus-based cleaners. Natural Degreaser™ contains no Class I or Class II Ozone Depleting Chemicals or chlorinated solvents. Use caution on plastics and paints.

Part Number	Container Size	Units Per Case
3EED6 / 14005	20 oz aerosol	12
3EEC5 / 14007 ¹	5 gallon pail	1
3APL6 / 14008 ¹	55 gallon drum	1



[Ⓢ] – 360° spray valve can be sprayed in the UP or DOWN position.

¹ – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions

³ – Not for retail sale, for use in manufacturing establishments only.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.



CABLE CLEAN® DEGREASER

High Voltage Splice Cleaner

Advanced technology that combines the power of a high performance, high voltage splice and termination cleaner with a non-chlorinated, industrial strength degreaser. Cable Clean® Degreaser helps prevent current leakage, excessive resistance, reduced performance and arcing at splice and termination junctions by quickly removing grease, oil, wax, dirt, silicone lubricants and other contaminants.

Part Number	Container Size	Units Per Case
1HBK2 / 02064	20 oz aerosol	12
32UN64 / 02066	1 gallon can	4



CABLE CLEAN® RD™ (Rapid Dry)

High Voltage Splice Cleaner

Chlorinated solvent-based cleaner for the removal of contaminants from the semi-conductive core of high voltage cables. Offers effective cleaning action with the benefits of non-flammability, no residue and fast evaporation. Cable Clean® RD™ can be used to replace 1,1,1-Trichloroethane without sacrificing performance. It contains no known Ozone Depleting Chemicals.

Part Number	Container Size	Units Per Case
19MW67 / 02150 ¹	16 oz aerosol	12
13P443 / 02152 ¹	1 gallon bottle	4



CABLE CLEAN®

High Voltage Splice Cleaner

HFC/COzol® based cleaner that aggressively removes contaminants from the semi-conductive core of high voltage cables during splicing and termination. Cable Clean® helps prevent current leakage, excessive resistance, reduced performance and arcing at splice and termination junctions.

Part Number	Container Size	Units Per Case
4YPJ4 / 02069	20 oz aerosol	12



CABLE CLEAN® HF™ (High Flash)

High Voltage Cable Cleaner

High flashpoint, petroleum distillate-based cleaner for the removal of contaminants from the semi-conductive core of high voltage cables. Cable Clean® HF™ provides an alternative to chlorinated, ozone depleting or terpene-based cable cleaning products.



Part Number	Container Size	Units Per Case
19MW68 / 02170	16 oz aerosol	12



¹ — Item restricted from sale in some states. See product page on Grainger.com for specific restrictions

2-26®**Multi-Purpose Precision Lubricant**

Corrosion inhibitor that helps prevent electrical malfunctions caused by water penetration, humidity, condensation or corrosion. 2-26® drives out moisture and leaves a thin, long lasting film. Excellent for use around modern plastics and insulators.

Part Number	Container Size	Units Per Case
02004  †	6 oz aerosol	12
1HBK1 / 02005 	16 oz aerosol	12
2YE15 / 02007	16 oz trigger bottle	12
13P438 / 02006	1 gallon bottle	4
13P439 / 02009	5 gallon pail	1
19MW52 / 02011	55 gallon drum	1


ELECTRICAL SILICONE LUBRICANT

Lubricates, waterproofs, and protects with a thin, clear, non-staining dry film. Eliminates binding and sticking while protecting most surfaces. Low surface tension permits better coverage and deeper penetration.

Part Number	Container Size	Units Per Case
4YPJ9 / 02094*	16 oz aerosol	12
4YPK1 / 02096*	5 gallon pail	1
19MW62 / 02097*	55 gallon drum	1

STOR & LUBE®**Corrosion Inhibitor**

Corrosion protection for metal parts and assemblies that are stored indoors. Promotes easy start-up of stored equipment. Will also lubricate moving metal parts subject to constant wear.

Part Number	Container Size	Units Per Case
02061  †	16 oz aerosol	12

**DIELECTRIC GREASE**

Unique, non-curing silicone compound used for electrical sealing, lubricating, protecting and insulating. Dielectric Grease waterproofs electrical connections and components to protect against arcing due to moisture and other contaminants.

Part Number	Container Size	Units Per Case
02083††	16 oz aerosol	12
1HBK3 / 02085	6 oz pressurized can w/Select-a-Bead®	12

**LECTRA SHIELD™****Long Term Corrosion Inhibitor**

Long term indoor/outdoor corrosion inhibitor for machined surfaces and assemblies subjected to long periods of storage or adverse shipping conditions. Lectra Shield™ is an easily removable film that will provide protection of all equipment subject to heat, humidity, chemicals or severely corrosive atmospheres.

Part Number	Container Size	Units Per Case
02031††	16 oz aerosol	12

**HOT LINE TOOL CLEANER & PROTECTANT WIPES**

These pre-moistened, disposable wipes are saturated with a special cleaner and protectant designed to effectively clean dirty fiberglass hot line tools while leaving behind a protectant to help keep them clean. The convenient 8" x 10.5" wipes allow for easy one-time use and eliminate the need for rags and storing bulk chemicals.

Part Number	Container Size	Units Per Case
19MX08 / 04110	Box of 50 wipes	1



† – Items available through Grainger Sourcing only.

∞ – VOC g/L as defined by Consumer Products VOC regulations

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

TRUETAP® HD

Cutting Fluid

Designed as a heavy duty cutting fluid for use in severe applications, TrueTap® HD is a thick fluid that clings to the cutting tool throughout the operation. Contains no 1,1,1-Trichloroethane.

Part Number	Container Size	Units Per Case
36F363 / 03400 ²	16 oz bottle	12
19MW98 / 03403 ²	55 gallon drum	1



CUTTING OIL

Superior thread cutting lubricant for use on all types of both ferrous and non-ferrous metals, including brass, copper and aluminum.

Part Number	Container Size	Units Per Case
2F146 / 14050 ²	16 oz aerosol	12
4JB48 / 14051 ²	1 gallon bottle	4



TRUETAP® FOAMY

Cutting Fluid

Excellent extreme duty cutting fluid developed for ease of application. Works well on both ferrous and non-ferrous metals and can be applied before or during cutting operation. Foaming action penetrates deep into the cut to extend cutting tool life and promotes a superior finish.

Part Number	Container Size	Units Per Case
19MW99 / 03410 ²	16 oz aerosol	12



HONING & CUTTING OIL

All-purpose, non-chlorinated, metal cutting/machining oil extends tool life and improves the finish of machined surfaces. It contains extreme pressure, anti-weld, lubricity, wetting agent and anti-corrosion additives to allow higher machine speeds and feed rates. Better Falex values than those produced by Sulfur-Chlorine systems.

Part Number	Container Size	Units Per Case
SL2523 ^{2†}	1 gallon bottle	4



TRUETAP® AQUA

Cutting Fluid

A suitable replacement for solvent or oil-based cutting fluids. TrueTap® Aqua is a water-soluble cutting fluid that exhibits excellent cooling and lubrication properties. Works exceptionally well in machine tools containing water-soluble coolants. Emulsifies with the coolant without causing contamination.

Part Number	Container Size	Units Per Case
13P446 / 03440 ²	16 oz bottle	12
19MX01 / 03442 ²	5 gallon pail	1



SOLUBLE OIL

Improves wetting, cleaning and lubricating during metal cutting and grinding operations. It prevents rust, corrosion and rancidity.

Part Number	Container Size	Units Per Case
19MZ72 / SL2512	1 quart bottle	12
19MZ73 / SL2513	1 gallon bottle	4
19MZ74 / SL2515	5 gallon pail	1



TRUETAP® WAX STICK LUBRICANT

Innovative, multi-purpose lubricant stick that effectively removes heat and lubricates. Capable of withstanding extreme pressure. Convenient stick is easy to use and mess-free.

Part Number	Container Size	Units Per Case
19MX03 / 03480	16 oz stick	10



BLUE LAYOUT FLUID

Applies a smooth even coat for all layout work. The dark blue fluid dries very quickly, sticks to both metal and glass and allows you to scribe sharp precise lines.

Part Number	Container Size	Units Per Case
19MW78 / 03066*	16 oz aerosol	12



LAYOUT FLUID REMOVER

Specifically formulated to remove layout fluids quickly and effectively from metal or glass.

Part Number	Container Size	Units Per Case
19MW79 / 03069*	16 oz aerosol	12



[†] – Items available through Grainger Sourcing only.

² – Item restricted from sale in SCAQMD

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.



RTV SILICONE ADHESIVE/SEALANTS

CRC Room Temperature Vulcanizing (RTV) Adhesive/Sealants are designed for a wide range of sealing, bonding, protecting and waterproofing. They cure at room temperature – no special curing methods required. The chemically stable formulations show little change in physical properties after exposure to rain, snow, temperature extremes and weathering.

Clear: Forms a barely visible water-tight seal
 White: Designed for high moisture, indoor/outdoor applications
 Blue: Heavy duty industrial gasket sealant
 Red: High temperature, low odor, non-corrosive gasket sealant
 Black: High pressure, low odor, non-corrosive gasket sealant
 Gray: Forms a visible, water-tight seal

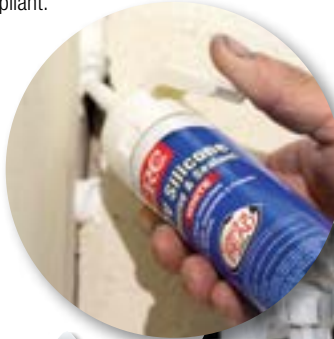


RTV SILICONE PRESSURIZED TUBES



Revolutionary packaging with Select-a-Bead® Nozzle – allows user to control bead width. Dispenses a uniform bead for consistent results. Pressurized package keeps silicone fresh so it won't dry out. Self-sealing plug – Simply pull out to re-use the product. VOC compliant.[∞]

Part Number	Container Size	Units Per Case
2YE19 / 14055+	Clear 8 oz tube	12
2YE20 / 14056+	White 8 oz tube	12
19MY15 / 14057	Blue 8 oz tube	12
2YE21 / 14059	Red 8 oz tube	12
19MY17 / 14072	Black 8 oz tube	12



RTV SILICONE CARTRIDGES

Economical for large jobs. Convenient screw-on nozzle. Fast dispensing for applications that require less precision. VOC compliant.[∞]

Part Number	Container Size	Units Per Case
13P450 / 14073+	Clear 12 oz cartridge	12
19MY18 / 14074+	White 12 oz cartridge	12
19MY19 / 14075	Red 12 oz cartridge	12



FOOD ZONE SILICONE SEALANTS

NSF Certified under Standard 51 for sealing, bonding, protecting and water-proofing food equipment. They show little change in physical properties after exposure to moisture and temperature extremes.

Part Number	Container Size	Units Per Case
49LY03 / 14082+	White 12 oz cartridge	12
49LY04 / 14083+	Clear 12 oz cartridge	12
49LY05 / 14087+	Gray 12 oz cartridge	12
49LY06 / 14088+	Aluminum 12 oz cartridge	12



SILICONIZED ACRYLIC LATEX CAULK

A white latex caulk designed for a wide range of sealing, bonding, protecting and waterproofing. It is based on a 100% acrylic emulsion and is modified with special additives to optimize resistance to oxidation, UV degradation and cold temperatures. It bonds to all common building materials and is flexible enough to be used on moving parts.

Part Number	Container Size	Units Per Case
33KL43 / 14108	12 oz cartridge	12

+ – Meets NSF/ANSI Standard 51
 ∞ – As defined by Consumer Products VOC regulations.

NEW

SPRAY ADHESIVE

General purpose, quick tack adhesive especially formulated to bond to many foils, plastics, papers, foams, metals, cardboards and cloths. Compare to 3M® Super 77™ Adhesive. Utilizes a unique web spray applicator.

Part Number	Container Size	Units Per Case
13P445 / 03018	24 oz aerosol	12



PIPE THREAD SEALANT

Non-toxic, non-drying thread sealing compound consisting of a blend of non-matting grease, PTFE, and other inert compounds to produce a leak proof seal.

Part Number	Container Size	Units Per Case
45DY77 / SL35401	8 oz bottle w/brush	6



FIRE BLOCK FOAM

Flame Resistant Sealant

Fire Block Foam is an approved foam insulation for sealing air penetrations. By blocking air flow, it effectively slows the spread of fire and smoke. Its advanced formula is tinted orange for easy visual identification by building code officials and inspectors. The reusable foam saver nozzle keeps the product usable for up to 1 month. Self-extinguishing formula meets key building code requirements. UL94 Flammability Test – pass best rating V-0.

Part Number	Container Size	Units Per Case
39EM12 / 14084	16 oz aerosol	12



FOAM

Minimal Expansion

Polyurethane foam designed to fill, seal, bond, retrofit, insulate and deaden sound in and around cracks and cavities. It forms a permanent, waterproof and airtight bond to masonry, wood, glass, metal and most plastics. Stops drafts, dust, moisture, insects and rodents. When cured, foam can be sanded, painted or stained. The low expansion formula expands 50% when fully cured. Cured foam insulates to R-5 for each inch of foam. UL® classified as a caulking sealant. Foam and propellant are non-flammable. Reusable for up to 30 days after initial use.

Part Number	Container Size	Units Per Case
12W320 / 14077	16 oz aerosol	12



☼ – 360° spray valve can be sprayed in the UP or DOWN position.
UL® is a registered trademark of UL LLC. 3M® and Super 77™ are trademarks of 3M Company



MINUTE MEND™

Multi-Purpose Epoxy Putty

A two-part epoxy putty packaged in a convenient one piece stick. Permanently repairs scratches, gouges and holes in drums, tanks, pipes, castings, molds, sinks, tubs and leaky gaskets. Perform routine electrical jobs such as mounting terminal blocks, packing wires and repairing breaker boxes. Ideal for stopping leaks, can even be used under water. Can be used in plumbing, electrical, ceramic, vehicle and machinery repair. Ready to use in less than one minute after mixing.

Part Number	Container Size	Units Per Case
13P449 / 14070	4 oz stick	24
19MY16 / 14071	2 oz stick	40



PERMA-MEND™

UV Curable Repair Patch

A fiberglass reinforced, self-adhesive repair patch that is flexible, waterproof and UV resistant. Easy to use, no mixing required. Can be painted after curing. Rated up to 2200 psi when properly applied.

Part Number	Container Size	Units Per Case
48XY76 / 14089	3" x 6" Patch	12
48XY77 / 14094	6" x 9" Patch	12
48XY78 / 14096	9" x 12" Patch	12
48XY79 / 14098	UV Flashlight	1



AIR TOOL OIL

SAE 10

Lubricates and protects pneumatic equipment. Increases torque; assures long tool life. Reduces rust, varnish, sludge and acids.

Part Number	Container Size	Units Per Case
13P452 / SL2531	15 oz bottle	12
19MZ76 / SL2533	1 gallon bottle	4



UNIVERSAL 2-CYCLE OIL

Extends engine service life. Minimizes plug fouling, port plugging and ring sticking. Clean burning with minimal smoke. Protects against heat, corrosion and rust.

Part Number	Container Size	Units Per Case
5TN63 / SL2261	15 oz bottle	12
19MZ50 / SL2262	1 quart bottle	12



HYDRAULIC & JACK OIL

SAE 20

Protects all parts in hydraulic jacks over a wide temperature range. Prevents foaming, rust, oxidation, corrosion and seal swell.

Part Number	Container Size	Units Per Case
19MZ80 / SL2621	15 oz bottle	12
SL2552†	1 quart bottle	12
SL2553†	1 gallon bottle	4
SL2555†	5 gallon pail	1



FOOD GRADE AIR TOOL OIL

NSF H1 Registered for incidental food contact. A fully synthetic food grade oil that is formulated with the highest quality polyalphaolefin (PAO) base oil to meet the lubrication requirements of air line equipment. Provides lubrication for all air line equipment used in food processing plants.

Part Number	Container Size	Units Per Case
32PL02 / SL2300	1 quart bottle	6
12G575 / 04258	5 gallon pail	1



BAR & CHAIN LUBRICANT

Reduces wear and friction. Remains fluid in cold temperatures. Performs well on equipment subjected to loads, water and high speeds.

Part Number	Container Size	Units Per Case
5TN64 / SL2612	1 quart bottle	12



GL-4 MULTI-PURPOSE GEAR OIL

SAE 85W90

Provides lubrication over a wide temperature range. Protects against corrosion in industrial drives, worm and hypoid gear sets. Good high temperature properties. Reduces wear; extends life of gear teeth.

Part Number	Container Size	Units Per Case
19MZ54 / SL24229	1 quart bottle	12
19MZ56 / SL24239	1 gallon bottle	4
19MZ58 / SL24259	5 gallon pail	1



COMPRESSOR OIL

SAE 30

Helps promote longer life in all types of reciprocating and rotary compressors. Solvent refined and clay filtered for long lasting, anti-foul operation. Cleans valve seat deposits as they form. Prevents ring sticking and reduced wear.

Part Number	Container Size	Units Per Case
19MZ48 / SL22131	1 quart bottle	12
SL22133†	1 gallon bottle	4



GL-4 MULTI-PURPOSE GEAR OIL

SAE 140

Contains anti-rust, anti-oxidation, anti-wear and extreme pressure additives. Provides the corrosive protection and film strength needed in industrial drives, worm and hypoid gear sets. Wide temperature range. Extends life of gear teeth.

Part Number	Container Size	Units Per Case
19MZ53 / SL24228	1 quart bottle	12
19MZ55 / SL24238	1 gallon bottle	4



† – Items available through Grainger Sourcing only.

GL-5 PLUS NEW GENERATION™

Heavy Duty Limited Slip Gear Oil SAE 85W140

Meets many military and commercial specifications and service requirements. Excellent for use where seasonal temperatures fluctuate widely. Minimum viscosity change during service. Superior performance in extreme pressure and high load conditions.

Part Number	Container Size	Units Per Case
SL2432†	1 quart bottle	12
19MZ60 / SL2433	1 gallon bottle	4



GL-5 PLUS NEW GENERATION™

Limited Slip Gear Oil SAE 80W90

Thermally stable, high-quality, multi-purpose automotive and truck lubricant with extreme pressure properties. Especially suited for use in high performance differentials. Assures absolute lubrication and protection against shock loading, gear scoring; prevents chatter, noise and vibration in limited-slip axles. Contains rust and corrosion inhibitors. Provides protection for operations under both high speed/low torque and low speed/high torque conditions.

Part Number	Container Size	Units Per Case
SL2472†	1 quart bottle	12
19MZ65 / SL2473	1 gallon bottle	4
19MZ66 / SL2475	5 gallon pail	1



GL-5 PLUS NEW GENERATION

Heavy Duty Limited Slip Gear Oil SAE 75W90

Protects against corrosion, seal damage, oxidation and wear. Provides better protection and extended drain intervals in new cars, 4-WDs, high performance vehicles, and domestic and import cars and trucks with limited-slip, sure-grip and posi-traction type differential systems. Excellent performance over a wide range of temperatures. Provides protection for operations under both high speed/low torque and low speed/high torque conditions.

Part Number	Container Size	Units Per Case
19MZ62 / SL2462	1 quart bottle	12
19MZ63 / SL2463	1 gallon bottle	4



SYN-GO® OEM GRADE

Synthetic Gear Oil SAE 75W140

Excellent performance and reliability under the most demanding and harsh operating conditions. Enhances transmission and differential life and reduces maintenance costs and downtime. Dramatically extends drain and fill intervals. Improves fuel efficiency. Provides superior lubrication protection from -40°F to 350°F.

Part Number	Container Size	Units Per Case
19MZ70 / SL2495	1 quart bottle	6
19MZ71 / SL2496	1/2 gallon bottle	4



SURE SHOT® REUSABLE SPRAYER

An all-metal, one quart, reusable air-pressurized sprayer. For use with most bulk lubricants, solvents and corrosion inhibitors.

Part Number	Units Per Case
19MY10 / 14016	1



EMPTY TRIGGER BOTTLE

New 24 oz design improves stability while Level III fluorination provides maximum durability. Features blank lines and charts for product and safety information.

Part Number	Units Per Case
19MY11 / 14021	12



HEAVY DUTY LEVER GREASE GUN

3-way easy loading for standard 14 oz cartridges. Provides 10,000 lbs of pressure. Short stroke feature for confined areas. Sure-grip knurled barrel. Heavy duty thick wall steel construction.

Part Number	Units Per Case
19NA19 / SL37019	1



GREASE GUN FLEX HOSE

Replacement flexible hose in 12" length. For pistol grip or lever type grease guns. Working pressure 3,000 psi.

Part Number	Units Per Case
19NA21 / SL46022	10



† – Items available through Grainger Sourcing only.
SureShot® is a registered trademark of Milwaukee Sprayer Mfg. Co.

LITHIUM-BASED

SUPER WHITE™

Multi-Purpose Grease

Meets late-model high-tech specifications. NLGI-1.5 lithium base. Wide temperature range of 0°F to 300°F.

Part Number	Container Size	Units Per Case
13P453 / SL3150	14 oz cartridge	10
39F943 / SL3151	14 oz can	12
39F944 / SL3155	35 lb pail	1
39F946 / SL3360	10 oz tube	6
SL3361†	1.75 oz squeeze tube	24



LITHIUM GENERAL PURPOSE GREASE

Lithium base NLGI-2 grease designed for light duty applications. Use on motor bearings, pump bearings and light duty applications. Drop point: 340°F.

Part Number	Container Size	Units Per Case
1YHN2 / SL3310	14 oz cartridge	10
13P454 / SL3311	14 oz can	12
39F945 / SL3315	35 lb pail	1
SL3317†	120 lb keg	1



CONSTANT VELOCITY (C.V.) JOINT GREASE

Extremely stable lithium base grease with molybdenum disulfide; extends the life of C.V. joints. Will not attack or run out of C.V. boot. Protects against rust and oxidation. Contains extreme pressure and anti-wear additives.

Part Number	Container Size	Units Per Case
19NA01 / SL3174	4 oz tube (carded)	12



MOLY-GRAPH®

Extreme Pressure Multi-Purpose Grease

Molybdenum and graphite establish a fine micron plating on all surfaces. Lithium base NLGI-2 grease with drop point of 350°F. Great for use on ball joints, chassis points, bushings and roller bearings.

Part Number	Container Size	Units Per Case
SL3141†	14 oz can	12
8W262 / SL3144	3/3 oz cartridges	6
SL3145†	35 lb pail	1
19MZ95 / SL3146	7 lb pail	4
5EWA1 / SL3330	14 oz cartridge	10



Extreme Pressure ENGINE ASSEMBLY LUBE

Prevents friction, galling and wear on all types of engine components during assembly, start-up and break-in periods.

Part Number	Container Size	Units Per Case
19NA12 / SL3331	10 oz tube	6
SL3333†	2.75 oz tube	12



SYNTHETIC-BASED

SILARAMIC®

Brake System Grease

Protects all moving caliper hardware, mating surfaces and backing plates with the latest rust, oxidation and anti-wear additives to provide lasting protection against friction, wear and corrosion. Ideal for high performance or racing applications.

Part Number	Container Size	Units Per Case
19MX66 / 05361	5 oz tube	12



PERMATHERM™

High Temp Synthetic Grease

High performance, synthetic NLGI-1.5 grease. Contains rust and oxidation inhibitors to increase service life and protect against corrosion. Withstands constant operating temperature up to 400°F and intermittent temperatures of 500°F- 600°F. Beyond 600°F, base fluid slowly evaporates with no carbon residue.

Part Number	Container Size	Units Per Case
39F947 / SL3580	14 oz cartridge	10



† – Items available through Grainger Sourcing only.

SYNTHETIC BRAKE & CALIPER GREASE

Synthetic grease prevents caliper binding, vibration and corrosion. Contains molybdenum, PTFE and graphite for an extreme temperature range of -30°F to 600°F. Eliminates uneven pad wear.

Part Number	Container Size	Units Per Case
19MX63 / 05351	2.5 oz. tube	6
5EVZ9 / 05353	12 oz. tub	12
1YHR2 / 05359	8 fl. oz. bottle	6
19NA07 / SL3301	2.5 oz. tube	6
19NA09 / SL3302	1/3 oz. carded packets	12
19NA10 / SL3303	12 oz. tub	12



LITHIUM COMPLEX-BASED

DRILLER RED GREASE

Premium quality lithium complex, Extreme Pressure (EP) grease with an industry high 80+ lb Timken OK load. Driller Red Grease is designed to withstand greater amounts of pressure, especially in oil and gas applications. It offers superior wear and shock load protection to applications with high axial or thrust loads.

Part Number	Container Size	Units Per Case
39EM09 / SL3640	14 oz cartridge	10
39EM10 / SL3650	35 lb pail	1



Extreme Pressure STA-PLEX™ PREMIUM RED GREASE

A superior multi-purpose certified lithium complex based NLGI-2 GC-LB grease. Contains extreme pressure, anti-wear, and anti-oxidation additives. Ideal for high temperature and performance applications. Drop point: 500°F.

Part Number	Container Size	Units Per Case
5EVZ0 / SL3190	14 oz cartridge	10
SL3191†	14 oz can	12
SL3195†	35 lb pail	1
19NA06 / SL3197	120 lb keg	1



NEW GENERATION™ WHEEL BEARING GREASE

For Disc and Drum Brakes

Meets late-model high-tech specifications. NLGI-2 GC-LB lithium complex base. Wide temperature range of -40°F to 325°F. Use on late-model wheel bearings, chassis and suspension points.

Part Number	Container Size	Units Per Case
19MZ85 / SL3110	14 oz cartridge	10
12L821 / SL3111	14 oz can	12



POLYUREA-BASED

LECTRA LUBE™ ELECTRIC MOTOR GREASE

Lectra Lube™ is a premium long-life grease with excellent thermal stability. This grease has excellent water resistance and will not washout. It maintains its consistency under severe working conditions and resists oxidation.

Part Number	Container Size	Units Per Case
58NE97 / SL3586	14 oz cartridge	10



SODIUM-BASED

HEAVY DUTY DRUM BRAKE Wheel Bearing Grease

For drum brakes and slow speed bearings. NLGI-2.5 sodium base. Ideal for use where heavy loads and slow speeds are prevalent. Drop point: 360°F.

Part Number	Container Size	Units Per Case
19MZ90 / SL3131	14 oz can	12
19MZ92 / SL3136	7 lb pail	4



† – Items available through Grainger Sourcing only.

ALUMINUM COMPLEX-BASED

BALL & ROLLER BEARING

Hi-Temp Grease

NLGI-2 grease. Made to handle high loads and high temperatures inherent in bearing applications. Combines moderately high oil viscosity with low temperature pumpability to provide high performance in a wide operating range. Won't wash out, splatter or run out under the heaviest loads. Resists mild detergent and alkaline wash.

Part Number	Container Size	Units Per Case
SL3630†	14 oz cartridge	10



SILICA

SYNTHETIC FOOD GRADE GREASE

NSF H1 Registered for incidental food contact. NLGI-2 lubricating grease formulated with the highest quality synthetic NSF registered raw materials available. Performs extremely well in cold temperature applications as the base fluid exhibits a very low pour point. Resists rust and oxidation. Water wash-down resistant. Wide temperature range – provides superior lubrication from -20°F to 350°F.

Part Number	Container Size	Units Per Case
12G587 / SL35610	14 oz cartridge	10



MULTI-PURPOSE FOOD GRADE GREASE

NSF H1 Registered. Aluminum complex, NLGI-2 grease. Meets FDA regulation 21 CFR 178.3570 for incidental food contact. Appropriate for food processing and handling equipment. Will not pound out of bearings and bushings during shock loads.

Part Number	Container Size	Units Per Case
4JB56 / SL35600	14 oz cartridge	10
12G584 / SL35605	35 lb pail	1



CALCIUM SULFONATE

EXTREME DUTY FOOD GRADE GREASE

NSF H1 Registered for incidental food contact. NLGI-2 high performance lubricating grease excels in applications where resistance to water washout and broad operating temperatures are absolutely necessary. Provides unsurpassed resistance to extreme pressures and corrosion, including salt spray. Timken OK Load of 65 lbs. Wide temperature range – provides superior lubrication from -20°F to 400°F.

Part Number	Container Size	Units Per Case
12G591 / SL35615	14 oz cartridge	10



HI-TEMP DISC BRAKE

Wheel Bearing Grease

For high temperature, high speed bearings. NLGI-2 aluminum complex base. For use on disc brake systems, chassis points and suspension systems. Drop point: 500°F.

Part Number	Container Size	Units Per Case
SL3160†	14 oz cartridge	10
1YHP8 / SL3161	14 oz can	12
19MZ98 / SL3165	35 lb pail	1
SL3166†	7 lb pail	4



MARINE BOAT TRAILER AND 4x4 WHEEL BEARING GREASE

Aluminum complex, NLGI-2 grease. Excellent water resistance. Superior rust and corrosion protection. Typical drop point: 500°F.

Part Number	Container Size	Units Per Case
SL3120†	14 oz cartridges	10
SL3121†	14 oz can	12
19MZ88 / SL3125	35 lb pail	1
19MZ89 / SL3127	120 lb keg	1
SL3184†	3-3 oz cartridge	6



† – Items available through Grainger Sourcing only.

GENERAL PURPOSE SILICONE MOLD RELEASE

A general purpose mold release used for a variety of applications including injection molding, compression molding, blow molding, and extruding. Provides fast and easy part removal from molds. Medium duty silicone content 3.5%. Ideal for use on cold and hot metals.

Part Number	Container Size	Units Per Case
19MW95 / 03300	16 oz aerosol	12



LECITHIN MOLD RELEASE

Non-silicone mold release helps assure multiple releases and will not interfere with parts to be painted, bonded, heat sealed or laminated. Lecithin Mold Release imparts a smooth dry, non-toxic film. No special cleaning required before part decoration.

Part Number	Container Size	Units Per Case
2F128 / 03306	16 oz aerosol	12



FOOD GRADE SILICONE MOLD RELEASE

Formulated to be used for light duty applications. Contains the same high-quality ingredients as our General Purpose Silicone Mold Release. Light duty silicone content 3%. NSF M1 Registered

Part Number	Container Size	Units Per Case
22N698 / 03301	16 oz aerosol	12



BORON NITRIDE MOLD RELEASE

Ideal when working with the latest high temperature resins. It is also an excellent release for die-casting of low melting point metals such as lead, zinc and aluminum. Forms a non-reacting layer with molten metals, salts, fluxes and slags. High electrical resistance and thermal conductivity.

Part Number	Container Size	Units Per Case
2F127 / 03310*	16 oz aerosol	12



HEAVY DUTY SILICONE MOLD RELEASE

Superior lubrication that provides maximum releases. Formulated for difficult to remove molded parts. Heavy duty silicone content 5%. Helps avoid molding material build-up.

Part Number	Container Size	Units Per Case
1HBL1 / 03302	16 oz aerosol	12



HEAVY DUTY MOLD CLEANER

Safety-solvent designed to quickly dissolve and remove silicone, grease, oil and residue on mold surfaces. Fast evaporating formulation is ideal for cleaning cold molds. Non-flammable, chemically stable, non-conductive and non-corrosive.

Part Number	Container Size	Units Per Case
19MW97 / 03315 ¹	16 oz aerosol	12



FOOD GRADE MOLD RELEASE WO

Silicone-free, paintable mold release is perfect for use in medical and food packaging applications. The pure white oil based formula makes it an excellent all-purpose mold release. NSF H1, M1 Registered. Safe for use on most plastics.

Part Number	Container Size	Units Per Case
19MW96 / 03311	16 oz aerosol w/Perma-Lock®	12



¹ – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

WORKER SAFETY

FIRE ANT KILLER

Fast-acting, highly effective insecticide used to kill fire ants. Product offered in an aerosol version or long-lasting granules. The aerosol version kills on contact, is safe on most plastics, contains no chlorinated solvents. High dielectric strength of 47,600 volts.

Part Number	Container Size	Units Per Case
14N882 / 14037 ¹	20 oz aerosol trigger	12

The granules are ready to use and kill the queen within 24 hours. Prevents new fire ant mounds from forming. Non-corrosive, non-conductive. 4 oz. single-use pouch treats up to 12" x 12" area.

Part Number	Container Size	Units Per Case
14N883 / 14039 ¹	4 oz packet	40



WASP & HORNET KILLER PLUS™

Insecticide

Fast acting, high strength insecticide that knocks down and kills wasps, hornets, fire ants, black widow spiders and scorpions on contact. Contains no chlorinated solvents. Safe on most plastics. CRC trigger provides a dense, accurate spray that will reach up to 20 feet to drench harmful insects and their nests. High dielectric strength of 47,600 volts. Extension tube doubles as a locking mechanism.

Part Number	Container Size	Units Per Case
4JB47 / 14010	20 oz aerosol trigger	12



FR (FLAME RESISTANT) CLOTHING INSECT REPELLENT

Repellent for the treatment of flame resistant clothing. Provides a protective barrier against mosquitoes, gnats, chiggers, ticks, biting flies and other flying insects. Contains Permethrin which is a contact insecticide that not only repels but also kills insects. It will not damage or negatively affect the protection properties of flame resistant clothing. Binds to fabric and protects up to two weeks, even through washing. Convenient aerosol package provides easy and controlled application of product. Conforms to ASTM F2621-06 Standard Practice for Determining Response Characteristics and Design Integrity of Arc Rated Finished Products in Electric Arc Exposure. Non-flammable, non-DEET formula is safe for clothing. Do not apply to skin.

Part Number	Container Size	Units Per Case
20KC01 / 14036	8 oz aerosol	12



BEE BLAST®

with Residual Wasp & Hornet Killer

Fast-acting, high strength insecticide that instantly soaks harmful insects and their nests with a high output 20' jet blast. Bee Blast® contains no chlorinated solvents and is safe on most plastics. High output 20' jet blast kills wasps, hornets, yellow jackets and bees on contact. Safety Data Label S.D.[L.]® right on the can – a CRC exclusive. High dielectric strength of 47,300 volts. Kills with residual action as wasps and hornets return to nests.

Part Number	Container Size	Units Per Case
19MY08 / 14009	20 oz aerosol	12



INSECT REPELLENT

Insect Repellent uses a high strength formula to repel mosquitoes, gnats, chiggers, fleas, ticks, biting flies and other biting insects up to twice as long as common consumer insect repellents. Insect Repellent protects outdoor workers by reducing the risk of contracting Lyme Disease from ticks when sprayed on exposed skin and clothing. Convenient aerosol package. Contains 25% active ingredient (DEET). The only insect repellent in the industry with CRC's S.D.[L.]®, a current SDS printed on the reverse side of the product label. Safe on most plastics.

Part Number	Container Size	Units Per Case
19MY09 / 14011	8 oz aerosol	12



14010, 14009, 14037, 14039, 14036 and 14011 are not registered outside the United States and Puerto Rico.

1 – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions

TESTING

SMOKE TEST®

Smoke Detector Tester

Convenient, easy and safe product to test the functional ability of a smoke detector. Smoke Test® also checks for obstructions or debris, which clog detector vents and prevents smoke from properly entering the sensing chamber. Simulates smoke to provide a true, functional test for smoke detectors. Aerosol spray extends user reach up to 6', allows testing to be done while standing safely on the floor. No harmful residue, plastic safe, non-staining. Contains no Class I or Class II Ozone Depleting Chemicals. UL® Listed.

Part Number	Container Size	Units Per Case
3VG75 / 02105*	6 oz aerosol	12

AEROSOL LEAK DETECTOR

CRC Leak Detector is formulated for the quick and easy site detection of gas leaks and air leaks. Reliably locates gas leaks and pressure losses in pipes and pressurized systems by forming highly visible bubbles when applied over any leak. The water-based formula contains no oils, silicones or harmful solvents. Highlights all leaks, even under low pressure. Non-flammable aerosol package enables fast and easy application with no waste or spillage. No odor. NSF P1 Registered.

Part Number	Container Size	Units Per Case
19MY43 / 14503	20 oz aerosol	12



WELD CHECK®

A 3-part system used to detect cracks & imperfections on welded surfaces and structures. Consisting of a quick drying cleaner, penetrant & developer, this system is used for the non-destructive testing of metal surfaces by liquid penetration method.

Weld Check®

Weld Cleaner & Penetrant Remover

A fast drying, powerful solvent blend cleaner designed for the pre-treatment of a weld surface, prior to liquid penetration inspection, and to remove all visible, colored traces of penetrant from weld.

Part Number	Container Size	Units Per Case
48J410 / 03108*	16 oz aerosol	12



Weld Check® Penetrant

A red-dye liquid penetrant for seeking out and identifying cracks and imperfections, when used in conjunction with Weld Check® Developer. Many cracks in welded materials can be deep in spite of having a very small opening width on the surface and can cause very serious defects. By normal visual inspection, such cracks may be very difficult to detect, but penetrant flaw detection is an extension of the visual inspection method.

Part Number	Container Size	Units Per Case
48J408 / 03106*	16 oz aerosol	12



Weld Check® Developer

A quick drying developer draws penetrant out of the imperfections of the surface with a dispersion of a white powder in a fast evaporating solvent. With visible dyes, the vivid color contrast between the penetrant and the developer makes the 'bleed-out' easy to see.

Part Number	Container Size	Units Per Case
48J409 / 03107*	16 oz aerosol	12



UL® is a registered trademark of UL LLC.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.



INDUSTRIAL CHERRY & GRAPE HAND CLEANERS & WALL MOUNT

CRC's Industrial Hand Cleaners contain premium cleansing agents which quickly remove the toughest dirt. Pumice scrubbing particles safely and effectively remove dirt, grease, resin, ink, paint, and glue.

Part Number	Fragrance	Container Size	Units Per Case
42LA45 / SL1218	Cherry	1 gallon hand pump	4
42LA46 / SL1219	Cherry	1 gallon refill	4
42LA47 / SL1220	Grape	1 gallon hand pump	4
42LA48 / SL1221	Grape	1 gallon refill	4
42LA49 / SL1222	NA	hand cleaner wall mount	1

HAND CLEANER TOWELS

These shop-sized pre-moistened, heavy duty towels with pumice scrubbing power work fast to loosen, dissolve and absorb dirt and grease. Hand Cleaner Towels are absorbent, non-scratching, easy to use and are fortified with emollients for the skin.

Part Number	Towel Size	Towels per Container	Containers per Case
04100†	10.5" x 12.25"	72	6



MECHANIX ORANGE™ Citrus Lotion Hand Cleaner with Pumice

Formulated with the natural cleaning power of citrus. This fast, yet gentle hand cleaner is pH balanced, highly concentrated and very effective at cleaning the toughest soil, grime, ink, oil and paint. Use with or without water. Contains no harsh solvents. Biodegradable formula has a fresh citrus scent.

Part Number	Container Size	Units Per Case
SL1712†	16 fl oz bottle	12
SL1719†	1 gallon bottle w/pump	4



LANOLIN CREAM & PUMICE HAND CLEANER

An extra-tough formula with buffing-grade pumice for deep-cleaning power. Use with or without water. For use in industrial plants, farms, mines, construction sites and anywhere hands get dirty and soiled. Leaves hands feeling clean with lanolin and lemon scent.

Part Number	Container Size	Units Per Case
19MZ44 / SL1621	14 oz can	12



† – Items available through Grainger Sourcing only.

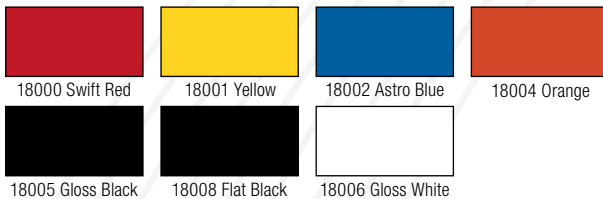
ALL-PURPOSE ENAMEL SPRAY PAINT

Remarkably versatile, general purpose, quick-dry, non-fading coating for use in exterior and interior applications. Recommended for general use in every day factory and contractor applications.

The only paint in the industry with CRC's S.D.[L.]®, a current SDS printed on the reverse side of the product label. Resistant to heat up to 180°F (82°C). Dries tack free in 10 to 20 minutes and fully dry in less than 1 hour. Recoat within 2 hours or after 24 hours. Yellows and reds cover 10-12 sq. ft. per can, others cover 16-22 sq. ft. per can. Good resistance to abrasion and corrosion; fair resistance to solvents.

Available in a wide range of colors. Compliant with state and federal aerosol coatings VOC regulations. Vinyl toluene oil enamel resin system.

SPRAY PAINT COLORS



Part Number	Color	Container Size	Units Per Case
19MY45 / 18000*	Swift Red	16 oz aerosol	6
19MY46 / 18001*	Yellow	16 oz aerosol	6
19MY47 / 18002*	Astro Blue	16 oz aerosol	6
19MY48 / 18004*	Orange	16 oz aerosol	6
19MY49 / 18005*	Gloss Black	16 oz aerosol	6
19MY50 / 18006*	Gloss White	16 oz aerosol	6
19MY51 / 18008*	Flat Black	16 oz aerosol	6

RUST PROOF ENAMEL SPRAY PAINT & PRIMER

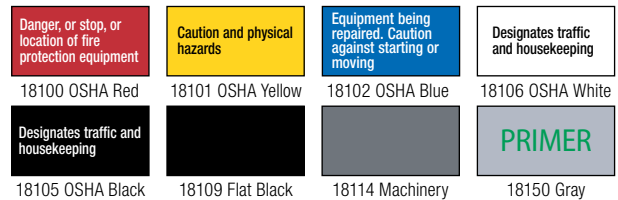
Rust resistant, premium quality alkyd enamel, and the premier corrosion fighter in the marketplace. Rust Proof Enamel is designed for moderate to severe corrosive environments and is specially formulated to resist rusting, peeling and fading. Fights weathering, salt spray and the most severe and demanding industrial conditions.

The only paint in the industry with CRC's S.D.[L.]®, a current SDS printed on the reverse side of the product label. Dries tack free in 15 to 30 minutes and fully in 1 hour, recoat anytime. Resistant to heat up to 300°F (149°C).

Yellows and reds cover 15-18 sq. ft. per can, others cover 22-30 sq. ft. per can. Coverage increases when CRC Rust Proof Enamel Primer is used. Excellent resistance to corrosion and solvents and good resistance to abrasion. CRC Rust Proof Primers seal out moisture and fill hairline cracks and other slight surface imperfections to provide a uniform basecoat for CRC Rust Proof Enamels.

Available in a wide range of colors including OSHA and machinery matches. Compliant with state and federal aerosol coatings VOC regulations. Modified chain stop alkyd enamel resin system.

SPRAY PAINT COLORS



Part Number	Color	Container Size	Units Per Case
19MY52 / 18100*	OSHA Red	20 oz aerosol	6
19MY53 / 18101*	OSHA Yellow	20 oz aerosol	6
19MY54 / 18102*	OSHA Blue	20 oz aerosol	6
19MY55 / 18105*	OSHA Black	20 oz aerosol	6
19MY56 / 18106*	OSHA White	20 oz aerosol	6
19MY57 / 18109*	Flat Black	20 oz aerosol	6
19MY58 / 18114*	Machinery Light Gray	20 oz aerosol	6
19MY59 / 18150*	Gray Primer	20 oz aerosol	6



*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.



NEW

SAFETY REFLECTIVE SPRAY PAINTS

These reflective and durable paints are formulated using glass microsphere technology. The water based polyurethane resin, extremely fade resistant pigments and reflective glass spheres ensure years of bright reflection. These products are useful to mark safety hazards or objects which need to be located in low-light or dark areas: fire hydrants, industrial equipment, safety equipment, guard rails, electrical switch boxes, gas meters, boat piers, docking buoys, to name a few. They reflect brightly back to the source of light using a flashlight or headlights.










Part Number	Color	Container Size	Units Per Case
58NE84 / 18015*	Aluminum Base Coat	16 oz aerosol	6
58NE85 / 18016*	Yellow Top Coat	16 oz aerosol	6
58NE86 / 18017*	Red Top Coat	16 oz aerosol	6
58NE87 / 18018*	Clear Top Coat	16 oz aerosol	6

UPSIDE DOWN MARKING PAINT

These paints clearly and effectively mark the location of underground utilities and are the professionally preferred markers at construction sites. Colors meet the A.P.W.A One Call International Color Standards. Particularly safe on turf grass, fields and golf courses.

The only paint in the industry with CRC's S.D.[L.]®, a current SDS printed on the reverse side of the product label. One can covers up to 700 linear feet with a 1 to 3 inch bright vivid line width. Lead free formula won't harm grass. Non-clogging nozzle & unique spray head is easy to use, less finger fatigue. Twist cap prevents accidental discharge. Dries fast and tack free in 2 to 5 minutes.

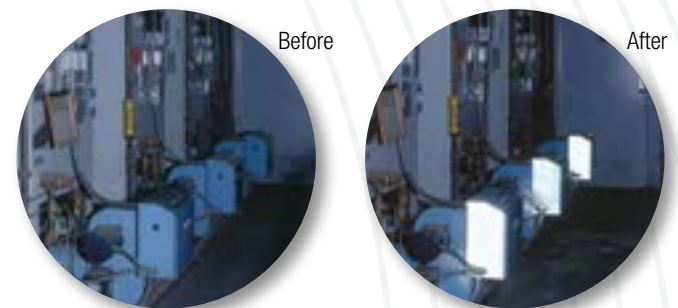
SPRAY PAINT COLORS

 Electric Power Lines, Cables, Conduit and Lighting Cables 18200 Safety Red	 Caution Yellow 18201 Caution Yellow	 Water, Irrigation and Slurry Lines 18202 Caution Blue
 Sewer and Drain Lines 18203 Safety Green	 Communication, Telephone, Alarm or Signal Lines, Cables or Conduit 18204 Alert Orange	 General Construction 18206 White
 18207 Red Fluorescent	 18208 Orange Fluorescent	 18210 Red/Orange Fluorescent

Part Number	Color	Container Size	Units Per Case
19MY60 / 18200*	Safety Red	20 oz aerosol	6
19MY61 / 18201*	Caution Yellow	20 oz aerosol	6
19MY62 / 18202*	Caution Blue	20 oz aerosol	6
19MY63 / 18203*	Safety Green	20 oz aerosol	6
19MY64 / 18204*	Alert Orange	20 oz aerosol	6
19MY65 / 18206*	White	20 oz aerosol	6
19MY66 / 18207*	Red Fluorescent	20 oz aerosol	6
19MY67 / 18208*	Orange Fluorescent	20 oz aerosol	6
19MY68 / 18210*	Red/Orange Fluorescent	20 oz aerosol	6

The Occupational Safety and Health Act (OSHA) stipulates that industrial plants provide color coded safety equipment in the workplace. OSHA also requires that hazardous areas be identified with certain colors. CRC provides a range of OSHA colors for the correct application and safety.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.



NEW

SAFETY ANTI-SLIP PAINT

Safety Anti-Slip Paint produces a textured coating eliminating dangerous, slick surfaces in just one coat. Resistant to oil, gas, and most chemicals. Quality epoxy resin formula stands up in tough industrial applications. Adheres to wood, fiberglass, cement and most metals. Convenient aerosol applications. Use as a finish coat and recoat every 2-4 months based on traffic.

Part Number	Color	Container Size	Units Per Case
58NE92 / 18024*	Clear	16 oz aerosol	6
58NE93 / 18025*	Yellow	16 oz aerosol	6
58NE94 / 18026*	Black	16 oz aerosol	6
58NE95 / 18027*	White	16 oz aerosol	6

AVIATION DEGREASER

A halogenated solvent-based degreaser that is chemically stable and extremely effective in heavy duty cleaning applications. It is fast acting, non-flammable and evaporates quickly leaving no residue. Meets performance requirements of Boeing D6-17487 and Douglas CSD-1, Category II with the exception of acrylic crazing.

Part Number	Container Size	Units Per Case
4JB46 / 10900 ¹	20 oz aerosol	12



AVIATION T-FORCE® DEGREASER

Effective heavy duty, non-flammable degreaser. Evaporates quickly and leaves no residue. Airframe approved non-HAP degreaser. Meets performance requirements of Boeing D6-17487.

Part Number	Container Size	Units Per Case
52WX83 / 10321 ¹	20 oz aerosol	12



AVIATION C.I.C. REMOVER


Revolutionary alternative to 1,1,1-Trichloroethane and other chlorinated solvents that effectively removes grease, oil, dirt and other contaminants from aircraft interior surfaces and equipment. Low odor compound. High flash point: 185°F. Chemically stable, non-conductive and non-corrosive. Controlled evaporation for enhanced cleaning action. Passes the performance tests of Boeing's Spec D6-17487, Rev. P-solvent degreasers.

Part Number	Container Size	Units Per Case
19MY07 / 10480	20 oz aerosol	12



AVIATION 3-36® Corrosion Inhibitor


Meets MIL-C-81309E, Amendment 3, Type III, Class 1 & 2 – Listed on the Military QPL Since 12/1999. This versatile, petroleum-based formula protects all metal surfaces leaving behind a corrosion inhibiting film. The low viscosity of Aviation 3-36® allows it to cover a large surface area and penetrate deep into the surface of all metals including steel, copper, brass and aluminum alloys. It displaces and seals out moisture and prevents the return of wear and corrosion. For use in applications that require compliance to MIL-C-81309E.

Part Number	Container Size	Units Per Case
14U852 / 10200 	16 oz aerosol	12



AVIATION XT-2000™ PRECISION CLEANER

A non-flammable, low odor, rapidly evaporating precision cleaner for use in electrical and industrial applications. Effectively removes dirt, light oils and other contaminants from electronic equipment. No flash point. Evaporates rapidly leaving no residue. Chemically stable, non-conductive and non-corrosive. Safe on most plastics. Meets performance requirements of Boeing D6-17487. Approved by Pratt & Whitney for use in SPOP1&6.

Part Number	Container Size	Units Per Case
19MY05 / 10315 	16 oz aerosol	12



AVIATION NEXT GENERATION DEGREASER


Quickly dissolves grease, oil and sludge for efficient operation of mechanical equipment. No flash or fire point. Non-chlorinated, non-conductive, non-corrosive and non-staining. Meets performance requirements of Boeing D6-17487.

Part Number	Container Size	Units Per Case
42NY22 / 10322 ¹	20 oz aerosol	12



AVIATION QUICK DRY PRECISION CLEANER

Effectively removes contaminants from electrical and electronic components and contacts. Ideal for applications where rapid evaporation is desired and flammability is not an issue. Harmless to most sensitive plastics. Evaporates rapidly, leaves no residue. Displaces moisture. Meets performance requirements of Boeing D6-17487 and McDonnell Douglas CSD-1 specifications.

Part Number	Container Size	Units Per Case
19MY06 / 10340  *	16 oz aerosol	12



AVIATION WINDOW AND DISPLAY CLEANER

A modern blend of detergents designed to safely clean aircraft glass and mirrors. Safe on electronic display panels. Removes grease, fingerprints, scum and smoke haze from surfaces. Contains no alcohol or ammonia. Meets the performance requirements of AMS-1534A.

Part Number	Container Size	Units Per Case
20HC15 / 10420	16 oz aerosol	12



 – 360° spray valve can be sprayed in the UP or DOWN position.

¹ – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions

*This product is labeled extremely flammable. Read and observe the special usage warning on the label.

Do not apply while equipment is energized.

CLEANERS

BRÄKLEEN®

Brake Parts Cleaner

Quickly removes brake fluid, grease, oil and other contaminants from brake linings and pads. Helps brakes last longer and perform more efficiently.

Part Number	Container Size	Units Per Case
5YK77 / 05089 ¹	20 oz aerosol	12
35WT63 / 05089T ¹	20 oz aerosol w/trigger	12
35WT64 / 05090 ¹	1 gallon bottle	4
32HF20 / 05091 ¹	5 gallon pail	1
32HF21 / 05093 ¹	55 gallon drum	1



BRÄKLEEN®

Non-Chlorinated Brake Parts Cleaner

Use where compliance calls for a chlorine-free product. Quickly removes brake fluid, grease, oil and other contaminants from brake linings and pads.

Part Number	Container Size	Units Per Case
13P447 / 05088 ^{1*}	20 oz aerosol	12
33KL41 / 05085 ^{1*}	1 gallon bottle	4
20KY55 / 05186 ^{1*}	5 gallon pail	1
3APL5 / 05087 ^{1*}	55 gallon drum	1
Less than 45% VOC[∞]		
5YK76 / 05084 ^{1*}	20 oz aerosol	12
32HF19 / 05086 ^{1*}	5 gallon pail	1



BRÄKLEEN®

Brake Parts Cleaner, 50 State Formula

Removes brake fluid, grease, oil and other contaminants quickly & effectively. Non-chlorinated. Degreases instantly. Leaves no residue. Meets all state & federal consumer products VOC regulations. **Low VOC formula[∞]**

Part Number	Container Size	Units Per Case
4DKZ6 / 05050 ^{2*}	20 oz aerosol	12
19MX34 / 05051 ^{2*}	1 gallon bottle	4
32HF18 / 05052 ^{2*}	5 gallon pail	1
5UWE6 / 05053 ^{2*}	55 gallon drum	1



BRÄKLEEN®

Non-Chlorinated Brake Parts Cleaner

Cleans fast, dries fast, leaves no residue. Instantly removes brake fluid, grease & oil. SCAQMD Rule #1171 compliant. Contains no chlorinated solvents. **Ultra-Low VOC formula[∞]**

Part Number	Container Size	Units Per Case
19MX51 / 05151 [*]	20 oz aerosol	12



MASS AIR FLOW

Sensor Cleaner

Safely cleans and protects mass air flow sensors. Plastic safe, dries rapidly and leaves no residue. Increases horsepower, gain 4 to 10 horsepower after using. Reduces rough idle.

Part Number	Container Size	Units Per Case
1YHN8 / 05110 ^{1*}	16 oz aerosol	12



ENGINE DEGREASER

Citrus Formula

Powerful citrus cleaning formula. Dissolves and lifts off the toughest grease and road grime. Low VOC formula.[∞]

Part Number	Container Size	Units Per Case
5EWA0 / 05027 ¹	20 oz aerosol	12



ENGINE DEGREASER

Gel Formula

Penetrates fast and removes the most stubborn baked on engine greases and road grime. Formula clings to all surfaces allowing it to penetrate deep. High visibility yellow color shows where it has been applied. When rinsed with water it emulsifies and washes away the grease. Low VOC formula.[∞]

Part Number	Container Size	Units Per Case
19MX33 / 05026	20 oz aerosol	12



ENGINE DEGREASER

Quickly lifts grease and grime off engines for cooler, more efficient running. Leaves no residue. Easy to use: spray on, rinse off.

Part Number	Container Size	Units Per Case
35WT61 / 05025 ¹	20 oz aerosol	12
19MY90 / 05025CA	20 oz aerosol	12



¹ — 360° spray valve can be sprayed in the UP or DOWN position.

[∞] — As defined by Consumer Products VOC regulations.


¹ — Item restricted from sale in some states. See product page on Grainger.com for specific restrictions

² — Item restricted from sale in SCAQMD

^{*}This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

THROTTLE BODY & AIR-INTAKE CLEANER

Removes gum and varnish from throttle valves and throttle body for easier starting and smoother engine performance. Low VOC formula.[∞] Eliminates hesitation and rough idling.

Part Number	Container Size	Units Per Case
1YHN9 / 05078 	16 oz aerosol	12



CLEAN-R-CARB™

Carburetor Cleaner

Instantly dissolves deposits on venturiers, linkages, butterflies and PCV systems. Improves fuel system performance. Harmless to catalytic converters and oxygen sensors.

Part Number	Container Size	Units Per Case
19MX68 / 05379*	16 oz aerosol	12
35WT62 / 05081*	20 oz aerosol	12
19MX69 / 05381*	20 oz aerosol	12



DISC BRAKE QUIET

Forms a water resistant, high temperature film that instantly absorbs noise and quiets disc brake squeaks and squeals. Easy to apply to new or previously installed pads.

Part Number	Container Size	Units Per Case
1YHN7 / 05016	4 oz bottle	12
1YHP3 / 05017	12 oz aerosol	12




LUBRICANTS

FREEZE-OFF®

Super Penetrant

Freezes and cracks rust for deep penetration and fast results. Dissolves rust, gum and corrosion. Lubricating film residue displaces water and prevents corrosion. Low VOC formula.[∞]

Part Number	Container Size	Units Per Case
05002  * †	20 oz aerosol	12



DE-SQUEAK™

Brake Conditioning Treatment

Prevents brake noise. Contains aluminum and graphite to plate and protect metal surfaces up to temperatures of 1800°F. Prevents rust and oxidation on drums, rotors and lug nuts. For use on disc, drum and ABS systems.

Part Number	Container Size	Units Per Case
1YHR5 / 05080*	20 oz aerosol	6



FUEL ADDITIVES

MOTOR TREATMENT

Instantly cleans power-robbing carbon deposits, gums and varnish. Cleans and lubricates internal fuel and oil systems. Increases MPG and reduces emissions. Fuel stabilizer removes moisture from fuel and oil.

Part Number	Container Size	Units Per Case
33KL45 / 05316	16 oz non-aerosol can	12



OCTANE BOOST

Lead Substitute

Increases octane by 2.5%-5.5% for maximum horsepower and torque. One bottle is sufficient to treat up to 20 gallons of fuel. Contains a smoke suppressant. Decreases NOx and carbon monoxide emission.

Part Number	Container Size	Units Per Case
19MX44 / 05077	12 oz bottle	12




FUEL INJECTOR & CARBURETOR CLEANER

Removes deposits from injectors, carburetor and intake system. Reduces engine demand for high octane fuel. Harmless to catalytic converters and oxygen sensors.

Part Number	Container Size	Units Per Case
19MX37 / 05061	12 oz bottle	12



† – Items available through Grainger Sourcing only.

 – 360° spray valve can be sprayed in the UP or DOWN position.

∞ – As defined by Consumer Products VOC regulations.

1 – Item restricted from sale in some states. See product page on Grainger.com for specific restrictions.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

PREMIUM FUEL INJECTOR CLEANER

Prevents rust and corrosion. Meets BMW spec #88886900307 lifetime certificate for intake valve cleanliness. Controls deposits in port fuel injectors, intake valves, and fuel lines. Keeps injectors clean.

Part Number	Container Size	Units Per Case
19MX38 / 05062	12 oz bottle	12



STOR-X™ Fuel Stabilizer

Stabilizes fuel by inhibiting formation of varnishes, peroxides and gum. Preserves gasoline and diesel fuel for up to 1 year. Treats up to 20 gallons. Does not contribute to induction system deposits. OK for Biodiesel.

Part Number	Container Size	Units Per Case
3KB54 / 402815	8 oz bottle	12



GASOLINE 1-TANK POWER RENEW® with G2P® Technology

Concentrated one-tank cleanup for your dirty fuel system. Maximum power restoration and deposit control. Helps increase MPG. Boosts power instantly.

Part Number	Container Size	Units Per Case
33KL42 / 05815	15 fl. oz.	6



DIESEL FUEL ADDITIVES

DIESEL FUEL THERAPY®

Diesel Injector Cleaner Plus

Cleans injectors, conditions and stabilizes fuel and lubricates fuel system for increased engine life. Increases power and fuel economy and reduces emissions. ULSD approved. OK for Biodiesel.

Part Number	Container Size	Units Per Case
1YHR6 / 05212	12 oz bottle	12
1YHR3 / 05232	1 quart bottle	12
1YHR8 / 05228	1 gallon bottle	4
19MX54 / 05255	55 gallon drum	1



DIESEL FUEL THERAPY®

Diesel Injector Cleaner with Anti-Gel

Prevents diesel fuel from gelling in cold temperatures. Lowers pour point, cleans injectors and helps restore spray pattern for more efficient combustion. ULSD approved. OK for Biodiesel.

Part Number	Container Size	Units Per Case
19MX70 / 05412	12 oz bottle	12
1YHP1 / 05432	1 quart bottle	12
1YHT1 / 05428	1 gallon bottle	4
1YHT4 / 05425	5 gallon pail	1
19MX71 / 05455	55 gallon drum	1



DIESEL DRY™

Diesel Water Remover

Dissipates water to minimize smoke and improve fuel economy. Prevents corrosion and harmful sludge sediment. ULSD approved. OK for Biodiesel.

Part Number	Container Size	Units Per Case
1YHR4 / 05670	12 oz bottle	12



BIO-CON™

Sludge Sediment Remover

Removes sludge and sediment from diesel fuel and furnace oils. Absorbs and disperses moisture. Improves storage stability of fuel.

Part Number	Container Size	Units Per Case
19MX73 / 05557	12 oz bottle	12
1YHT3 / 05558	5 gallon pail	1



DIESEL 1-TANK POWER RENEW®

with G2P® Technology

Concentrated diesel and emissions system cleanup. Maximum power restoration and deposit control. Helps free sticky injectors and increases MPG. Works great in biodiesel blends.

Part Number	Container Size	Units Per Case
19MX77 / 05832	1 quart bottle	12
35WT67 / 05816	16 oz bottle	6



OIL ADDITIVES

VALVE-KLEEN™

Engine Valve & Lifter Cleaner

Dissolves sludge, gum and varnish on valves, lifters and oil passages and prevents new deposits from forming. Quiets noisy operation.

Part Number	Container Size	Units Per Case
19MX55 / 05331	12 oz bottle	12



TRANSMISSION/POWER STEERING ADDITIVES

TRANS-KLEEN™

Automatic Transmission Treatment

Replaces the essential additives in transmission fluid that are depleted during normal operation. Smoothes uneven shift patterns. Eliminates hesitation.

Part Number	Container Size	Units Per Case
19MX56 / 05332	12 oz bottle	12



COLD FLOW™

Anti-Gel with Lubricity

Prevents fuel gelling and waxing. Contains lubricity additive for low sulfur fuels. Formulated for cold weather use in all diesel equipment. ULSD approved. OK for Biodiesel.

Part Number	Container Size	Units Per Case
19MX75 / 05612	12 oz bottle	12
1YHR9 / 05632	1 quart bottle	12
6PNZ0 / 05655	55 gallon drum	1



WINTER PRODUCTS

FOR GAS TANKS

Isopropanol Formula

Removes water from gasoline. Protects down to -50°F. Inhibits rust in gas tank. Prevents fuel line freezing.

Part Number	Container Size	Units Per Case
1YHP6 / 05343	12 oz bottle	12



QUICK FLOW™

Emergency Diesel-Gel Relief

Instantly works to dissolve gelled fuel and thaws frozen fuel filters. Lowers pour point by as much as 35°F. ULSD approved. OK for Biodiesel.

Part Number	Container Size	Units Per Case
1YHR7 / 05911	1 quart bottle	12



DIESEL AIR BRAKE ANTI-FREEZE & CONDITIONER

Provides complete winter protection for air brake systems. Eliminates and prevents moisture accumulation and icing. Prevents damage to air brake seals. Anti-freeze and anti-rust.

Part Number	Container Size	Units Per Case
5EVZ6 / 05532	32 oz bottle	12
5EVZ7 / 05528	1 gallon bottle	4
19MX72 / 05555	55 gallon drum	1



ICE-OFF®

Windshield Spray De-Icer

Melts ice, snow and frost on contact. Harmless to car finish. Thaws frozen locks.

Part Number	Container Size	Units Per Case
5VE68 / 05346	16 oz aerosol	12



UNDERCOATING

RUBBERIZED UNDERCOATING

Provides a bubble-free, flexible shield against moisture, salt and road debris. Deadens outside road noise and will not crack or peel. Low VOC formula.[∞]

Part Number	Container Size	Units Per Case
13P448 / 05347*	20 oz aerosol	12



JUMP START®

Starting Fluid with Lubricity

Assures fast, economical starts in extremely cold or humid climates. Upper cylinder lubricant minimizes wear during cold starts. Effective to -65°F. For diesel and gasoline engines. ULSD approved.

Part Number	Container Size	Units Per Case
05671††	16 oz aerosol	12



† – Items available through Grainger Sourcing only.

∞ – As defined by Consumer Products VOC regulations.

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CORROSION INHIBITORS

SALT TERMINATOR®

Engine Flush, Cleaner & Corrosion Inhibitor

Dissolves destructive salt debris that can't be removed by water alone without leaving a residue. Leaves a protective coating, guarding against future corrosion. Biodegradable formula.



Part Number	Container Size	Units Per Case
19NA25 / SX32	32 fl oz bottle	7
33KL50 / SX32M	32 fl oz bottle w/mixer	6
19NA23 / SX128	1 gallon bottle	6
33KL51 / SX55	55 gallon drum	1
19NA26 / SXM XR	mixer only	12

LUBRICANTS

MARINE 6-56®

Multi-Purpose Lube

Clear, thin film lubricates and protects against wear and saltwater corrosion. Drives out moisture to help start wet engines. Loosens rusted parts. Will not harm oxygen sensors.

Part Number	Container Size	Units Per Case
19MX82 / 06005	6 oz aerosol	12
06006	12 oz aerosol	12
19MX84 / 06007	16 oz aerosol	12
19MX85 / 06008	1 gallon bottle	4
19MX86 / 06010	5 gallon pail	1



MARINE ENGINE STOR®

Fogging Oil

Protects electrical connections, outboard motors and marine engines to ensure longer life. Keeps engine components corrosion-free during seasonal storage. Preserves reels, tools, and metal surfaces subject to rust.

Part Number	Container Size	Units Per Case
19MX88 / 06068	16 oz aerosol	12
19MX89 / 06069	1 gallon bottle	4
19MX91 / 06072*	16 oz aerosol w/hose	12



MARINE 6-56®

Multi-Purpose Lube – Zero VOC[∞]

Odor-free, zero VOC[∞] alternative. Drives out moisture that can cause electrical failures and hard starting. Penetrates deep through rust and corrosion to loosen frozen parts. Will not harm oxygen sensors.

Part Number	Container Size	Units Per Case
19MX81 / 06002	11 oz aerosol	12



FUEL ADDITIVES

MARINE FUEL TREATMENT AND STABILIZER

Reduces octane requirement, combustion deposits, hydrocarbon emissions, knock and ping, valve seat wear. Improves fuel economy and stabilizes fuel up to 8 months. Reduces diesel smoke up to 40%.

Part Number	Container Size	Units Per Case
19MZ27 / MK4908	8 oz bottle	12



MARINE HEAVY DUTY SILICONE LUBRICANT

Clean, odorless, highly water resistant; fights corrosion. Lubricates and protects wood, nylon, metal, canvas and leather. Eliminates squeaking and binding. Wide temperature range (-40°F to 400°F).

Part Number	Container Size	Units Per Case
06077†	16 oz aerosol	12



MARINE STOR & GO®

Ethanol Fuel Treatment & Stabilizer

Prevents phase separation and protects against corrosion. For all Gas-Powered 2 and 4-cycle engines. Improves fuel economy and stabilizes fuel up to 1 year. Cleans entire fuel system.

Part Number	Container Size	Units Per Case
5EWA2 / 06141	8 oz bottle	12
19MX94 / 06142	16 oz bottle	12
19MX95 / 06143	32 oz bottle	6



† – Items available through Grainger Sourcing only.

⊙ – 360° spray valve can be sprayed in the UP or DOWN position.

∞ – As defined by Consumer Products VOC regulations.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.

MARINE FUEL STABILIZER GASOLINE FORMULA

For all 2 and 4-cycle engines. Protects against corrosion during storage. Prevents gum and resin build-up; keeps filters and injectors clean. Non-staining.

Part Number	Container Size	Units Per Case
19MX96 / 06161	8 oz bottle	12
19MX97 / 06162	16 oz bottle	12
19MX98 / 06163	1 quart bottle	12
19MX99 / 06164	1 gallon bottle	4



MARINE OCTANE BOOST

Increases octane rating of gasoline. Reduces or eliminates engine knock and ping. Improves starting. One bottle treats up to 20 gallons of fuel.

Part Number	Container Size	Units Per Case
19MX87 / 06067	12 oz bottle	12



CLEANERS

ON & OFF

Hull & Bottom Cleaner

Removes waterline stains, algae stains, rust and gas exhaust stains. Use on fiberglass only. Easy to use – brush it on, rinse it off.

Part Number	Container Size	Units Per Case
19MZ03 / MK2032	1 quart bottle	12
19MZ02 / MK20128	1 gallon bottle	4
19MZ04 / MK20550	55 gallon drum	1



ON & OFF GEL

Hull & Bottom Cleaner

Unique viscous formula that clings to the surface to break down grease, oil and scum lines and stains. Blue color for easy visualization. Easy to use – brush it on and rinse it off.

Part Number	Container Size	Units Per Case
19MZ19 / MK3532	1 quart bottle	12
19MZ18 / MK35128	1 gallon bottle	4



BIG BULLY®

Natural Orange Bilge Cleaner

Works fast to emulsify oil, grease and scum. Leaves bilge areas clean and fresh. Self-cleaning formula is activated by the rolling action of the boat.

Part Number	Container Size	Units Per Case
19MZ09 / MK2332	1 quart bottle	12
19MZ08 / MK23128	1 gallon bottle	4



ALUMINEX™

Pontoon & Aluminum Hull Cleaner

Specially formulated for cleaning hulls & bottoms of aluminum & pontoon boats. Quickly removes waterline stains, lime deposits, algae stains and oxidation.

Part Number	Container Size	Units Per Case
19MZ16 / MK3132	1 quart bottle	12
19MZ15 / MK31128	1 gallon bottle	4





ALUMINEX™ CLEAN & SHINE

Aluminum Cleaner & Brightener

Dual-action formula specially designed to instantly clean and brighten aluminum hulls with Safe Acid Technology™. Best results on surfaces with light to medium oxidation. Safe on anodized and painted aluminum.

Part Number	Container Size	Units Per Case
19MZ17 / MK3332	1 quart bottle	12



MILDEW STAIN REMOVER

Quickly removes even the toughest mildew and mold stains. Fine mist spray won't run, even on vertical surfaces. No scrubbing necessary. Just spray on, wipe off. Use on any vinyl or hard surface. Safe on boat covers and marine fabrics.

Part Number	Container Size	Units Per Case
19MZ22 / MK3732	1 quart spray bottle	12



CLEANING DETAIL®

Non-Skid Deck Cleaner

Cleans and brightens fiberglass, stainless steel, chrome, brass and aluminum. Use on most surfaces above the waterline. Great for non-skid decks, shower stalls and tubs.

Part Number	Container Size	Units Per Case
19MZ05 / MK2132	1 quart flip-top bottle	12



SUPER SUDS™

Boat Soap

Highly concentrated synthetic detergent. Non-streaking. Leaves no residue. Cleans away dirt and grime, leaving surfaces sparkling clean. Will not strip wax. Biodegradable formula.

Part Number	Container Size	Units Per Case
19MZ07 / MK2232	1 quart bottle	12
19MZ06 / MK22128	1 gallon bottle	4



SPRAY AWAY™

All Purpose Cleaner

Cleans grease, grime, oil, rain stains, fish blood and more. Great on virtually any surface. Non-flammable.

Part Number	Container Size	Units Per Case
MK2832†	1 quart spray bottle	12
19MZ13 / MK28128	1 gallon bottle	4



INFLATABLE BOAT CLEANER

Effectively cleans PVC, vinyl, Hypalon, EVA, Nylon, plastic, Neoprene and Polyurethane materials. Helps prevent corrosion of metal hardware. Won't fade covers. Great for cleaning skis and wakeboards.

Part Number	Container Size	Units Per Case
19MZ23 / MK3832	1 quart spray bottle	12



† – Items available through Grainger Sourcing only.



VINYL CARE

ULTRA VINYL CLEANER

Removes deeply embedded dirt, grease, grime and oil. Easy to use. Concentrated foam cleaner works fast. Excellent for all interior and exterior vinyl.

Part Number	Container Size	Units Per Case
19MZ12 / MK2718	20 oz aerosol	12



GREASE AWAY

Engine Degreaser

Heavy duty engine degreaser. Formulated for outboards, inboards, stern drives, machinery and more. Spray on/rinse off. Contains no petroleum solvents.

Part Number	Container Size	Units Per Case
19MZ29 / MK5232	1 quart spray bottle	12
19MZ28 / MK52128	1 gallon bottle	4



CLEAR VINYL

Cleaner & Polish

Cleans, polishes and protects all transparent clear vinyl in one easy step. Great for isinglass, clear vinyl enclosures, plastic windshields, hatches and instruments made of Plexiglas®, acrylic, and polycarbonates. Easy spray-on-buff-off formula.

Part Number	Container Size	Units Per Case
14U853 / MK6414	16 oz aerosol	12



GLASS PLEX™

Glass Cleaner

Non-streaking formula. Contains no ammonia or alcohol. Use on glass, Plexiglas®, plastics, acrylics, isinglass, fiberglass, computer screens, counters, appliances, stainless steel and chrome.

Part Number	Container Size	Units Per Case
19MZ24 / MK3918	1 quart spray bottle	12



TEAKWOOD CARE

NU-TEAK™

One Step Teak Cleaner

Cleans teak and other hardwoods. Removes stains and weathering. Contains no acids. Will not raise wood grain. Also great for decks, patios and outdoor furniture.

Part Number	Container Size	Units Per Case
19MZ10 / MK2432	1 quart bottle	12



BLACK STREAK REMOVER

Instantly removes black streaks caused by water run off on fiberglass and metal surfaces. Test on plastic surfaces.

Part Number	Container Size	Units Per Case
19MZ35 / MK6732	1 quart spray bottle	12



CRYSTAL LAKES™

Hull & Bottom Cleaner

Cleans and brightens the hull and bottom while removing brown water stains, mold stains, algae stains, rust stains and more.

Part Number	Container Size	Units Per Case
19MZ39 / MK7320	20 oz tub	12



Plexiglas® is a registered trademark of Arkena France Corporation

WAXES/POLISHES

HIGHLIGHT™

Spray Wax

Instantly gives a high-gloss hand-rubbed look. Protects against sun, salt and weathering. Waxes and polishes fiberglass, stainless steel, chrome and brass.

Part Number	Container Size	Units Per Case
19MZ11 / MK2618	20 oz aerosol	12



TREWAX®

Four Seasons Boat Wax

Contains Carnauba, the world's hardest natural wax. Leaves a hard, brilliant finish with long lasting durability. Designed specially for marine finishes; use on fiberglass, painted surfaces, aluminum, chrome, stainless steel. Protects against the adverse effects of sun, salt, rain, etc.

Part Number	Container Size	Units Per Case
19MZ34 / MK66	12 oz tub	12



HEADS UP™

Liquid Holding Tank Deodorant

Works instantly to control odors. Long-lasting pleasant fragrance. Helps keep holding tanks and recirculating or portable toilets clean and breaks down waste and tissue. Non-formaldehyde formula.

Part Number	Container Size	Units Per Case
19MZ26 / MK4532	1 quart bottle	12



LIQUID ROLLERS®

Trailer Bunk Boards Lubricant

Makes the loading and unloading of boats easy. Dramatically reduces friction to make bunk boards as slick as rollers. Long lasting, nongreasy, non-staining formula. Repels road dirt and grime.

Part Number	Container Size	Units Per Case
19MZ36 / MK6810*	16 oz aerosol	12



MOISTURE ABSORBER

Dries air in cabins, lockers, bathrooms, closets, basements and other enclosed areas. Super dry concentrated pellet formula absorbs up to 50% more moisture than flake formulas. Package includes protective web lid.

Part Number	Container Size	Units Per Case
19MZ37 / MK6912	12 oz tub	12



FABRIC WATERPROOFER

Premium grade heavy duty water repellent solution. Restores water repellency of cotton and synthetic fabrics. Contains no color or dyes. Use on boat covers, bimini tops, convertible tops, awnings, tents, clothing, footwear and more. Safe on Sunbrella® and other marine grade fabrics.

Part Number	Container Size	Units Per Case
19MZ32 / MK6332	1 quart spray bottle	12
19MZ31 / MK63128	1 gallon bottle	4



MOISTURE CONTROL BAG

Absorbs dampness that leads to rust and musty odors. Soaks up moisture from the air like a sponge. Does not drip. Great for lockers, head, galley, bilge, cabin and rope storage. Also great for RV, home and apartment use. Reusable.

Part Number	Container Size	Units Per Case
19MZ38 / MK7112	12 oz bag	12



POLY TANK SPRAYER

A poly tank sprayer designed for professional use. Easy to use. Holds one gallon. High density polyethylene. Equipped with a 36" reinforced multi-layer PVC braided hose and adjustable nozzle. Replacement parts available.

Part Number	Container Size	Units Per Case
19MY95 / MK1991	1 gallon	1



Sunbrella® is a registered trademark of Glen Raven, Inc.

*This product is labeled extremely flammable. Read and observe the special usage warning on the label. Do not apply while equipment is energized.



SmartWasher®

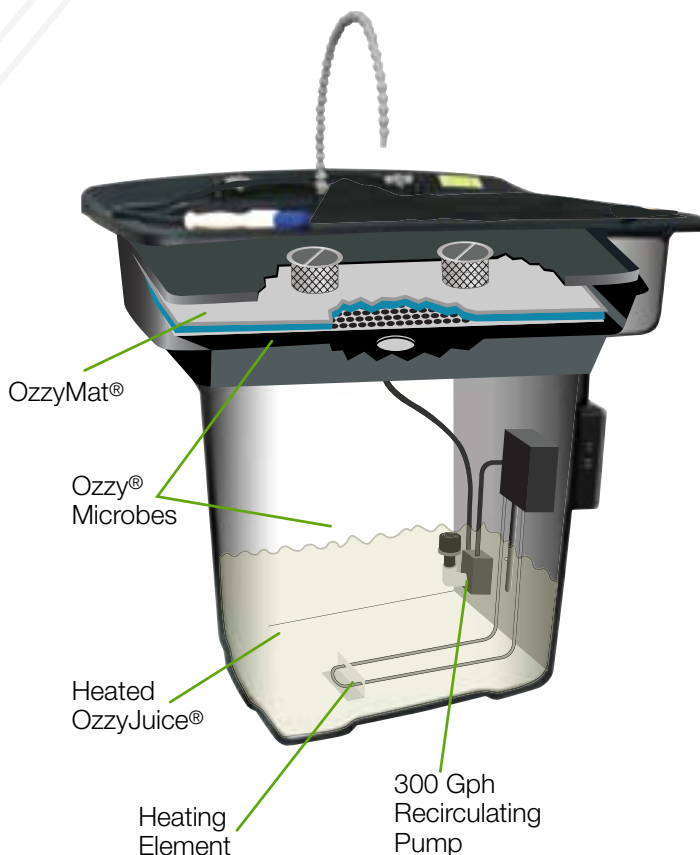
BIOREMEDIATING parts washing system

Get Clean and Be Green

SmartWasher®: a green alternative to a conventional petroleum-based parts washing system. Through the process of bioremediation, the SmartWasher® constantly maintains the cleanliness of the OzzyJuice® cleaning/degreasing solution without the need for hauling, skimming or evacuating the unit.

What is OzzyJuice®?

OzzyJuice® is a powerful, aqueous based degreasing solution that is pH-neutral, non-irritating, non-flammable, and non-toxic. Armed with superior cleaning capability, the OzzyJuice® solutions will match or surpass the performance of premium solvents without all the associated risks. All OzzyJuice® solutions are NSF A1 Registered and certified "Clean Air Products" by SCAQMD (South Coast Air Quality Management District.)



Models

19MY28 /
14161


SW-23
Mobile Parts/
Brake Washer

5YK85 /
14145


SW-25
Signature
Parts Washer

19MY24 /
14144


SW-28
SuperSink
Parts Washer

45TV46 /
14710


SW-28XE
SuperSink XE
Parts Washer

33KL44 /
14162


SW-37
Mobile Heavyweight
Parts Washer

OVERALL DIMENSIONS

43" x 27" x 42"

35.5" x 26.5" x 40"

47" x 38" x 42"

47" x 38" x 42"

48" x 35" x 45"

SINK DIMENSIONS

27" x 23" x 8"

27" x 17.5" x 8.5"

41" x 26" x 8"

41" x 26" x 8"

33" x 27" x 8"

SmartWasher® is a registered trademark of ChemFree Corporation
Chemfree Corporation is a subsidiary of CRC Industries.

Ozzys Keep Solution Clean & Strong

Ozzy® Microbes, introduced into the SmartWasher® system through the OzzyMat®, eat the grease, oil and other contaminants, cleaning off the dirty parts, creating the harmless by-products of carbon dioxide and water. The OzzyJuice® is heated to encourage Ozzy® microbe growth.

Clean OzzyJuice® Means Clean Parts

The OzzyJuice® cleaning/degreasing solution cleans the dirty parts and the Ozzy® microbes clean the OzzyJuice® leaving it strong and clean for every use. You should never need to haul away dirty parts cleaning fluid again, if the unit is maintained properly, and according to the operating instructions.

OzzyMat®

FL-4
Multi-Layer Filter
(recommended for normal to heavy parts cleaning applications)
6-Pack

1CXK2 / 14124



FL-3
Single Layer Filter
(recommended for light parts cleaning applications)
6-Pack

5YK88 / 14149



OzzyJuice®

SW-1 Degreasing Solution 5 Gallon Jug	1CXK1 / 14156
SW-3 Truck Grade Solution 5 Gallon Jug	45TV48 / 14720
SW-4 Heavy Duty Solution 5 Gallon Jug	5YK87 / 14148
SW-6 Select Metals Solution 5 Gallon Jug	19MY26 / 14158
SW-7 Parts/Brake Solution 5 Gallon Jug	45TV49 / 14721
SW-8 Aircraft & Weapon Solution 5 Gallon Jug	45TV50 / 14722
OzzyBooster® Microbial Enhancer 250 mL Bottle – 6 Per Case	19MY23 / 14131



SmartWasher® Covers

14889†	Cover for SmartWasher® SW23 Mobile Parts Washer – Fits 14161	
14890†	Cover for SmartWasher® SW25 & SW25C Signature Parts Washer – Fits 14145 & 14711	
14891†	Cover for SmartWasher® SW28 SuperSink Parts Washer – Fits 14144	
14892†	Cover for SmartWasher® SW28XE SuperSink Parts Washer – Fits 14710	
14893†	Cover for SmartWasher® SW37 Mobile Heavyweight Parts Washer – Fits 14162	

† – Items available through Grainger Sourcing only.

SMARTWASHER® START-UP KITS



14740 / 45TV51

SW-423 Mobile SmartWasher® Kit

1 SW-23 Unit + 3 Pails SW-4 Fluid
+ 1 FL-4 Filter



14741 / 45TV52

SW-437 Mobile Heavyweight SmartWasher® Kit

1 SW-37 Unit + 5 Pails SW-4 Fluid
+ 1 FL-4 Filter



SmartWasher® Start-Up Kits

SW-423 Mobile Parts Washer Kit	1 SW-23 Unit + 3 Pails SW-4 OzzyJuice® Fluid + 1 FL-4 OzzyMat® Filter	45TV51 / 14740
SW-437 Mobile Heavyweight Parts Washer Kit	1 SW-37 Unit + 5 Pails SW-4 OzzyJuice® Fluid + 1 FL-4 OzzyMat® Filter	45TV52 / 14741
SW-737 Mobile Heavyweight Parts Washer Kit	1 SW-37 Unit + 5 Pails SW-7 OzzyJuice® Fluid + 1 FL-4 OzzyMat® Filter	45TV53 / 14742
SW-723 Mobile Parts Washer Kit	1 SW-23 Unit + 3 Pails SW-7 OzzyJuice® Fluid + 1 FL-4 OzzyMat® Filter	45TV54 / 14743
SW-323 Mobile Parts Washer Kit	1 SW-23 Unit + 3 Pails SW3 OzzyJuice® Fluid + 1 F-L4 OzzyMat® Filter	45TV55 / 14744

BIODEGRADABLE

A substance that is capable of being broken down into harmless products by the action of living things. The rate at which compounds may be chemically broken down by bacteria and/or natural environmental factors.

CLASS I OZONE DEPLETERS

Chlorinated solvents including Carbon Tetrachloride, 1, 1, 1-Trichloroethane and CFCs (Freon). Since 1993, these products have required special labeling and have been banned from manufacture by the EPA.

CLASS II OZONE DEPLETERS

Products that contain HCFCs like HCFC-141b and HCFC-225. The production and importation phase out date is January 1, 2003 and January 1, 2015 respectively.

DIELECTRIC STRENGTH

The minimum electrical gradient that a material can withstand without decomposition usually specified in volts per millimeter of thickness. Also known as the breakdown voltage.

ELONGATION PERCENT

Directly related to Tensile Strength. Elongation is the deformation that results from the application of a tensile force and is calculated as the change in length divided by the original length.

EMULSION

A mixture of water-soluble and water-insoluble groups held together by a surfactant. Emulsions are usually milky white.

EXTREMELY FLAMMABLE

As defined by the Consumer Products Safety Commission, a substance with a flashpoint at or below 20°F as determined by Tagliabue Open Cup Tester. Or, for an aerosol, if the flame travels back to the actuator and the flashpoint is at or below 20°F.

FALEX TEST

A method for determining the extreme pressure (EP) or anti-wear properties of oils and greases. Vee blocks (with large "V-shaped notch") are placed on opposite sides of rotating steel shaft, and the apparatus is immersed in the test lubricant. Load is automatically increased until seizure occurs. Measurable wear scars are formed on the blocks.

FERROUS

Metals related to or containing iron.

FLAMMABLE

Capable of catching fire easily and burning rapidly. OSHA defines flammable liquids as having a flashpoint below 100°F.

FLASH POINT

The lowest temperature of a liquid or solid at which it gives off vapors that will ignite but not continue to burn when a small flame is periodically passed over the surface.

GALLING

Destructive wear of a metal surface characterized by large chunks of metal being removed.

KB VALUE

The Kauri Butanol (KB) value is a measure of the solvent power of a hydrocarbon liquid. Kauri gum is readily soluble in butanol but insoluble in hydrocarbons. The KB value is the measure of the volume of solvent required to produce turbidity in a standard solution containing kauri gum dissolved in butanol. The higher the KB value, the more powerful the solvent.

NLGI GRADE

National Lubricating Grease Institute. A numerical scale for classifying the consistency of a particular grease. The most common consistency number is #2. Softer grades, especially #0 and #1, are often used for improved pumpability or low-temperature service. High consistency numbers, #3 through #6 are used for certain high-speed bearings where leakage and sealing are particular concerns.

NSF RATING

National Sanitation Foundation Registration Program for Proprietary Substances and Nonfood Compounds. This program mirrors the prior USDA program. Product evaluation is based on formulation and label review. Approved products receive a Letter of Authorization and are included on the NSF White Book List of Proprietary Substances and Nonfood Compounds.

NON-FERROUS

Metals that contain no iron.

ODCs

Ozone Depleting Compounds. Substances that contribute to the deterioration of the ozone. There are two types of ODCs: Class I and Class II ozone depleters. Class I ODCs are the most harmful to the ozone. Currently listed as Class I ODCs are chlorofluorocarbons (CFCs), carbon tetrachloride, and 1,1,1-Trichloroethane. Class II ODCs are less harmful but still pose a threat. Currently listed as Class II ODCs are HCFCs.

OTC STATES

Ozone Transport Commission. As of August 1, 2012, the following states have adopted the OTC Model Rule regulating VOC's in consumer products: Connecticut, Delaware, District of Columbia, Illinois, Indiana, Maine, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island and Virginia.

PH

A scale ranging from 0 to 14 used to measure acidity and alkalinity. The lower the number the more acidic; the higher the number, the more alkaline; 7 is neutral.

PSI

Pound per Square Inch. A unit of pressure equal to the pressure resulting from a force of 1 pound applied uniformly over an area of 1 square inch.

SAE

Society of Automotive Engineers.

SUBSTRATE

The surface being cleaned; the substrate may be metal, plastic, ceramic, etc.

SURFACTANT

A specialized molecule that connects water soluble and water-insoluble groups.

TENSILE STRENGTH

The strength of different metals to support different loads (masses) before going through the point at which they change from being elastic to being plastic. The tensile strength test measures the elastic and plastic properties of metal.

TIMKEN OK LOAD

The highest load than can be applied without abrasive wear to a rotating test cup containing a grease sample. The higher the OK number, the better protection a grease provides under severe service. The highest number typically given to any sample is 80.

VISCOSITY

The resistance to flow or degree of thickening fluid. Flow requires stress; liquids such as additive-free lubricating oils are known as Newtonian fluids in that shear rate is proportional to the pressure or stress applied. This proportion is the coefficient of viscosity.

VOCs

Volatile Organic Compounds. A class of chemicals that contain carbon and have the potential to form ground-level ozone (smog). Many common items including gasoline, oil-based paints and alcohols produce VOCs.

CATEGORY CODE 3H

This product is acceptable for use as a Release Agent on grills, ovens, loaf pans, boning benches, chopping boards, or other hard surfaces in contact with meat and poultry food products to prevent food from adhering during processing.

CATEGORY CODE A1

This product is acceptable for use as a general cleaning agent on all surfaces, or for use with steam or mechanical cleaning devices in all departments. Before using this compound, food products and packaging materials must be removed from the room or carefully protected. After using this compound, surfaces must be thoroughly rinsed with potable water. Permission for the use of this compound on loading docks and other similar areas is left to the discretion of the Inspector-In-Charge of the establishment.

CATEGORY CODE C1

This product is acceptable for use as a general cleaner/degreaser in inedible product processing areas, and/or exterior areas of official establishments operating under the Federal Meat, Poultry, Shell Egg Grading, and Egg Products Inspection Programs provided that it is not used to mask odors resulting from unsanitary conditions, and that any characteristic odor or fragrance does not penetrate into an edible area. Permission for the use of this compound on loading docks and other similar areas is left to the discretion of the Inspector-In-Charge of the establishment.

CATEGORY CODE C3

The product is acceptable for use in official establishments operating under the Federal Meats and Poultry Products Inspection Program. This compound may be acceptable in areas of food processing facilities where edible products are neither processed nor stored in open containers. This category also covers paint removers and snow and ice melting products intended for use in non-processing areas.

CATEGORY CODE D2

This product is acceptable for use as a sanitizer on all surfaces not always requiring a rinse in and around food processing areas. Before using this compound, food products and packaging materials must be removed from the room or carefully protected. A potable water rinse is not required following the use of this compound on previously cleaned hard surfaces provided that the surfaces are adequately drained before contact with food so that little or no residue remains which can adulterate or have a deleterious effect on edible products. A potable water rinse is required following use of this compound under conditions other than stated above. The compound must always be used according to applicable label directions.

CATEGORY CODE E4

The product is acceptable for use as a hand cream, lotion or cleaner in non-processing areas. The use of such products is limited to toilets, dressing rooms and other non-processing areas. Employees who handle edible products may use such compounds only when leaving the plant.

CATEGORY CODE H1

This product is acceptable as a lubricant with incidental food contact for use in official establishments operating under the Federal Meat and Poultry Products Inspection Program. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is potential exposure of lubricated part to food. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an anti-rust film, the compound must be removed from the equipment surface by washing or wiping, as required to leave the surface effectively free of any substance, which could be transferred to food being processed. The final granting of authorization for the proposed use of such compound is the responsibility of the Inspector-In-Charge of the official plant.

CATEGORY CODE H2

This product is acceptable as a lubricant where there is no possibility of food contact in official establishments operating under the Federal Meat and Poultry Products Inspection Program. Such compounds may be used as lubricants, release agents, or anti-rust films on equipment and machine parts or in closed systems (ex. Hydraulic systems) in locations where there is no possibility of the lubricant or lubricated part contacting edible products. The final granting of authorization for the proposed use of such compound is the responsibility of the Inspector-In-Charge of the official plant.

CATEGORY CODE K1

This product is chemically acceptable as a solvent cleaner for use in non-processing areas of official establishments operating under the Federal Meat and Poultry Products Inspection Program. After using the product, equipment and utensils must be thoroughly washed with an acceptable detergent solution and rinsed with potable water to remove all traces of the cleaner before being returned to the processing area. The final granting of authorization for the proposed use of such compounds is the responsibility of the Inspector-In-Charge of the official plant.

CATEGORY CODE K2

This product is chemically acceptable as a solvent for cleaning electronic instruments and devices which will not tolerate aqueous cleaning solutions in official establishments operating under the Federal Meat and Poultry Products Inspection Program. Before using this compound, food products and packaging materials must be removed from the area or carefully protected. This compound must be used in a manner so that all odors associated with the compound are dissipated before food products or packaging material are re-exposed in the area. The final granting of authorization for the proposed use of such compounds is the responsibility of the Inspector-In-Charge of the official plant.

CATEGORY CODE K3

This product is acceptable for use as an adhesive or glue remover, for removing adhesive or glue from food packaging materials in and around food processing areas, where its use is not intended for direct food contact. Before using this compound, food products and packaging materials must be removed from the area or carefully protected. After using these compounds, all surfaces must be thoroughly washed with an acceptable detergent solution, and rinsed with potable water. This compound must be used in a manner so that all odors associated with the compound are dissipated before food products or packaging materials are re-exposed in the area.

CATEGORY CODE P1

This product is chemically acceptable for use in official establishments operating under the Federal Meat and Poultry Products Inspection Program. This compound must be used in a manner which prevents direct or indirect contamination of edible products or potable water. The final granting of authorization for the proposed use of such compounds is the responsibility of the Inspector-In-Charge of the official plant.

CATEGORY CODE M1

This product is acceptable for use as a mold release agent on molds that are used to produce packaging materials that will contact food to prevent the finished product from adhering to the mold. The amount used on the equipment should be the minimum required to accomplish the effect.

CATEGORY CODE R2

This product is acceptable for use as a coating where there is no possibility of food contact such as floors, walls, and ceilings. The coating must be applied in a manner which prevents direct or indirect contamination of edible products. Before the food product may be placed in the area where the material is being used, the area should be sufficiently free of odor to prevent product contamination. As a safety precaution, smooth coatings should not be applied to walking or standing surfaces in processing area.

0 - 9

1 Tank Power Renew® Diesel	45
1 Tank Power Renew® Gasoline	45
2-26® Multi-Purpose Precision Lubricant	27
3-36® Multi-Purpose Lubricant	13

A

Aerosol Leak Detector	38
Air Tool Oil	31
Aluminex™ Pontoon & Aluminum Hull Cleaner	48
Aluminex™ Clean & Shine	49
Anti-Seize & Lubricating Compound, Copper	19
Anti-Seize & Lubricating Compound, Food Grade	20
Anti-Seize & Lubricating Compound, Nickel	20
Anti-Seize & Lubricating Compound, Nuclear Grade	20
Aviation C.I.C Remover	42
Aviation Degreaser	42
Aviation Next Generation Degreaser	42
Aviation Quick Dry Precision Cleaner	42
Aviation T-Force® Degreaser	42
Aviation 3-36®	42
Aviation Window Cleaner	42
Aviation XT-2000™ Precision Cleaner	42

B

Ball & Roller Bearing Hi-Temp Grease	35
Bar & Chain Lubricant	31
Battery Cleaner	10
Battery Terminal Protector	21
Bee Blast® Wasp & Hornet Killer	37
Big Bully® Bilge Cleaner	48
Bio-Con™ Sludge Sediment Remover	46
Black Streak Remover	50
Brake Caliper Synthetic Grease	34
Brakleen® Brake Parts Cleaner	43
Brakleen® Brake Parts Cleaner, 50 State Formula	43

C

Cable Clean® Degreaser	26
Cable Clean® HFT™	26
Cable Clean® High Voltage Splice Cleaner	26
Cable Clean® RD™	26
Carb & Choke Cleaner	10
CE™ Precision Cleaner	6, 24
Chain & Wire Rope Lubricant	18
Chlor-Free® Degreaser	10

Chute Lube® Silicone Lubricant	18
Citrus Degreaser	9, 25
Clean-R-Carb™ Carburetor Cleaner	44
Cleaning Detail® Non-Skid Deck Cleaner	49
Clear Vinyl Cleaner & Polish	50
CO® Contact Cleaner	23
Coil Cleaner	10
Cold Flow™ Anti-Gel w/Lubricity	46
Compressor Oil SAE 30	31
Constant Velocity (C.V.) Joint Grease	33
Contact Cleaner	6
Contact Cleaner & Protectant	7
Contact Cleaner 2000® (Electrical)	23
Contact Cleaner 2000® (Industrial)	6
Contact Cleaner 2000® VC	23
Crystal Lakes™ Hull & Bottom Cleaner	50
Cutting Oil	28

D

De-Squeak™ Brake Treatment	44
Dielectric Grease	19, 27
Diesel Air Brake Anti-Freeze & Conditioner	45
Diesel Dry™ Diesel Water Remover	45
Diesel Fuel Therapy® Diesel Injector Cleaner Plus	45
Diesel Fuel Therapy® Plus w/Anti-Gel	45
Direct Food Contact White Oils	16
Disc Brake Quiet	44
Driller Red Grease	34
Dry Graphite Lube	19
Dry Moly Lube	18
Dry PTFE Lube	14
Duster™ Aerosol Dust Removal System	7, 24
Duster™ Moisture-Free Dust & Lint Remover	7

E

Electrical Silicone Lubricant	26
Electrical Parts Cleaner	25
Electronic Component Cleaner (Electrical)	24
Electronic Component Cleaner (Industrial)	6
Empty Trigger Bottle	32
Engine Degreaser, Citrus Formula	43
Engine Degreaser	43
Extreme Duty Silicone	18
Extreme Duty Open Gear & Chain Lube	18
Extreme Duty Food Grade Grease	35
Extreme Pressure Engine Assembly Lube	33

F

Fabric Waterproofing	51
Fast Dry Degreaser	25
Fire Ant Killer	37
Fire Block Foam	30
Foam Minimal Expansion	30
Foaming Coil Cleaner	10
Food Grade Air Tool Oil	15, 16, 31
Food Grade Anti-Seize	20
Food Grade Belt Dressing	15
Food Grade Chain Lube	15, 17, 21, 22, 23
Food Grade Synthetic Compressor Oil	16
Food Grade Dielectric Grease	15
Food Grade Compressor Flush	16
Food Grade Gear Oils	17
Food Grade Hydraulic Oils	17
Food Grade Grease Synthetic	35
Food Grade Synthetic PAG Chain Oils	17
Food Grade Machine Oil	14
Food Grade Penetrating Oil	14
Food Grade Refrigeration Compressor Oils	16
Food Grade Silicone	14
Food Grade White Grease	14
Food Zone Silicone Sealant - White	29
Food Zone Silicone Sealant - Clear	29
Food Zone Silicone Sealant - Gray	29
Food Zone Silicone Sealant - Aluminum	29
For Gas Tanks Isopropanol Formula	45
FR Clothing Insect Repellent	37
Freeze-OFF® Super Penetrant	44
Freeze Spray	7
Fuel Injector & Carburetor Cleaner	44

G

Gasket Remover	9
GL-4 Multi-Purpose Gear Oil SAE 85W90	31
GL-4 Multi-Purpose Gear Oil SAE 140	31
GL-5* PLUS New Generation™ HD Limited Slip Gear Oil SAE 75W90	32
GL-5* PLUS New Generation™ Limited Slip Gear Oil SAE 80W90	32
GL-5* PLUS New Generation™ HD Limited Slip Gear Oil SAE 85W140	32
Glass-Plex™ Glass Cleaner	50
Graffiti Remover	10
Grease Away Engine Degreaser	50
Grease Gun Flex Hose	32

H

Hand Cleaner, Cherry	39
Hand Cleaner, Grape	39
Hand Cleaner, Lanolin Pumice	39
Hand Cleaner, Mechanix Orange™	39
Hand Cleaner Towels	39
Hand Cleaner, Wall Mount	39
Heads Up™ Liquid Holding Tank Deodorant	51
Heavy Duty Clear Penetrating Grease	18
Heavy Duty Degreaser	8
Heavy Duty Degreaser II	9
Heavy Duty Drum Brake Wheel Bearing Grease	34
Heavy Duty Lever Grease Gun	32
HFT™ Contact Cleaner (Electrical)	24
HFT™ Contact Cleaner (Industrial)	7
Highlight™ Spray Wax	51
Hi-Temp Disc Brake Wheel Bearing Grease	35
Honing & Cutting Oil	28
Hot Line Tool Cleaner Wipes	24, 27
Hydraulic & Jack Oil	31
HydroForce® All Purpose Degreaser	11
HydroForce® Butyl-Free Cleaner	11
HydroForce® Drain Maintainer	12
HydroForce® Drain Re-Nu™	12
HydroForce® Foaming Citrus All Purpose Cleaner	12
HydroForce® Foaming Degreaser	12
HydroForce® Germicidal Foam Cleaner	12
HydroForce® Glass Cleaner Professional Strength	11
HydroForce® Industrial Strength Degreaser	11
HydroForce® Stainless Steel Cleaner & Polish	12
HydroForce® Super Citrus™ Heavy Duty Degreaser	12
HydroForce® Zero VOC General Purpose Cleaner	11

I

Ice-Off® Windshield Spray De-Icer	46
Industrial Adhesive Remover	10
Industrial Silicone	13
Inflatable Boat Cleaner	49
Inner Slide Lube	19
Insect Repellent	37
Insta-Solv® Degreaser	9
Isopropyl Alcohol Precision Cleaner	7

J

Jump Start®
Starting Fluid / Lubricity46

K

Knock'er Loose® Penetrating Solvent . . .13
Knock'er Loose® Plus13

L

Layout Fluid, Blue28
Layout Fluid Remover28
Lectra Clean® Heavy Duty
Electrical Parts Degreaser25
Lectra Clean® II Non-Chlorinated
Heavy Duty Degreaser25
Lectra Force™ Electrical Cleaner25
Lectra Lube™ Electric Motor Grease . . .34
Lectra Shield™ Long Term
Corrosion Inhibitor27
Liquid Rollers® Trailer Bunk Boards
Lubricant51
Lithium General Purpose Grease33
Lock Lube and De-Icer20

M

Marine Engine Stor® Fogging Fluid . . .47
Marine Fuel Stabilizer Gasoline
Formula48
Marine Fuel Treatment & Stabilizer . . .47
Marine Grease for Boat Trailer
Wheel Bearings35
Marine Heavy Duty
Silicone Lubricant47
Marine Octane Boost48
Marine 6-56® Zero VOC47
Marine 6-56® Multi-Purpose
Lubricant47
Marine Stor & Go®47
Mass Air Flow Sensor Cleaner43
Mech Force™ Industrial
Degreaser8
Mildeew Stain Remover49
Minute Mend™ Epoxy Putty30
Moisture Absorber51
Moisture Control Bag51
Mold Cleaner, Heavy Duty36
Mold Release, Boron Nitride36
Mold Release, Food Grade
Silicone36
Mold Release, Food Grade WO36
Mold Release, General Purpose
Silicone36
Mold Release, Heavy Duty Silicone . . .36
Mold Release, Lecithin36
Moly-Graph® Extreme Pressure
Multi-Purpose Grease33
Motor Treatment44
Multi-Purpose Food Grade Grease35

N

Natural Degreaser™ Citrus Based
Degreaser9, 25
New Generation™
Wheel Bearing Grease34
Non-Chlorinated Formula Brakleen®
Brake Parts Cleaner43
Non-Chlorinated Brakleen®
Brake Parts Cleaner,
SCAQMD #1171 Compliant43
NT™ Precision Cleaner
(Electrical)23
NT™ Precision Cleaner
(Industrial)6
Nu-Teak™ One Step Teak Cleaner50

O

Octane Boost Lead Substitute44
Oilfield Dry Moly Lube19
On & Off Hull & Bottom Cleaner48
On & Off Gel48
OzzyBooster®53
OzzyJuice® SW-8 Aircraft & Weapons
Degreasing Solution53
OzzyJuice® SW-1 Degreasing
Solution53
OzzyJuice® SW-4 Heavy Duty
Degreasing Solution53
OzzyJuice® SW-7 Parts/Brake
Cleaning Solution53
OzzyJuice® SW-6 Select Metals
Degreasing Solution53
OzzyJuice® SW-3 Truck Grade
Degreasing Solution53
OzzyMat® Single-Layer53
OzzyMat® Multi-Layer53

P

Paints – All Purpose Enamel
Spray Paint & Primer40
Paints – Anti-Slip41
Paints – Reflective Spray41
Paints – Rust Proof Enamel
Spray Paint & Primer40
Paints – Upside Down Marking41
Pan Divider Oil Direct
Food Contact16
Parcel Glide® Silicone
Lubricant18
Perma-Mend™30
Permatherm™ Synthetic
Grease33
PF Precision Cleaner
(Electrical)23
PF Precision Cleaner
(Industrial)6
Pipe Thread Sealant30
Poly Tank Sprayer51
Power Lube® High Performance
Lubricant18
Premium Fuel Injector Cleaner47

Q

QD® Contact Cleaner (Electrical)23
QD® Contact Cleaner (Industrial)6
Quick Clean™ Safety Solvent9
Quick Flow™ Emergency
Diesel-Gel Relief46

R

Red Grease19
Roll-Up Door Lubricant14
RTV Silicone Sealant – Black29
RTV Silicone Sealant – Blue29
RTV Silicone Sealant – Clear29
RTV Silicone Sealant – Red29
RTV Silicone Sealant – White29
Rubberized Spray Undercoating46
Rust Converter22
Rust Remover22

S

Salt Terminator®47
Screwloose® Super Penetrant13
Seal Coat® Urethane Coating22
Silaramic® Brake System
Grease33
Siliconized Acrylic Latex Caulk29
SmartWasher® Mobile Heavyweight
Parts Washer52
SmartWasher® Mobile Parts/
Brake Washer52
SmartWasher® Signature Parts
Washer52
SmartWasher® Sink Covers53
SmartWasher® Start-Up Kits54
SmartWasher® SuperSink Parts
Washer52
SmartWasher® SuperSink XE
Parts Washer52
Smoke Test® Smoke Detector
Tester38
Soluble Oil28
SP-250™ Corrosion Inhibitor21
SP-300™ Corrosion Inhibitor21
SP-350™ Corrosion Inhibitor21
SP-400™ Corrosion Inhibitor21
Spray Adhesive30
Spray Away™ All Purpose Cleaner48
Sta-Plex™ Premium Red Grease
Extreme Pressure34
Steel Re-Nu®22
Stor & Lube® Corrosion Inhibitor27
Stor-X® Fuel Stabilizer45
Super Degreaser™8
Super Degreaser™ Plus8
Super Suds™ Boat Soap49
Super Soy™ Degreaser9
Super White™
Multi-Purpose Grease33
Sure Shot® Reusable Sprayer32

Syn-Go® (OEM Grade) Synthetic
Gear Oil SAE 75W14032
Syntha-Tech™ Lubricant
with PTFE15
Synthetic Food Grade Grease15

T

T-Force® Degreaser8
Tac 2® Adhesive Chain Lubricant19
Technical Grade 3-36®14
Thread Lubricant20
Throttle Body Air Intake Cleaner44
Trans-Kleen™ Automatic Transmission
Treatment45
Trewax® Four Season Boat Wax51
TrueTap® Aqua Cutting Fluid28
TrueTap® Foamy Cutting Fluid28
TrueTap® HD Cutting Fluid28
TrueTap® Wax Stick Lubricant28

U

Ultra-Lite 3-36®13
Ultra Vinyl Cleaner50
Universal 2-Cycle Oil30

V

Valve-Kleen™ Engine Valve &
Lifter Cleaner45
Visiclear® Display & Electronic
Screen Cleaner12

W

Wasp & Hornet Killer Plus™
Insecticide37
Water Based Silicone15
Weld Check® Cleaner & Penetrant
Remover38
Weld Check® Developer38
Weld Check® Penetrant38
Welder's Anti-Spatter Spray19
White Lithium Grease19

X,Y

XT-2000™ Precision Cleaner
(Electrical)23
XT-2000™ Precision Cleaner
(Industrial)6

Z

Zinc-It® Bright Instant Cold
Galvanize22
Zinc-It® Instant Cold Galvanize22

Working with CRC®, Grainger associates can document value for end users.

MRO CHEMICALS IN FOOD PROCESSING OR FOOD PACKAGING

OPPORTUNITY:

Help your food & packaging customers increase compliance through proper documentation, proper storage, increasing the number of H1 food grade lubricants in use, and by ensuring all small-package chemicals and bulk food grade oils are 3rd-party registered through NSF International.

SOLUTION:

The CRC StopLight® Food Safety Program ensures that your customer uses the right products in their facility. All required documentation is provided to meet audit compliance (FSMA, SQF, BRC, etc.). PermaLock® actuators can help prevent batch contamination through the unique one piece component; cap, button & straw locked together.

Before & After



Consolidate and reduce risk by moving your customer to CRC Food Grade Products.

Perma-Lock®



Prevents Accidents.
1 Piece Acuator.
Prevention Not Detection™

Value Document



Show Cost Savings



For more information contact your
Grainger Representative or visit Grainger.com®

8SSP1217C

AVAILABLE THROUGH

GRAINGER®
||| ||| FOR THE ONES WHO GET IT DONE