

ENTER

UTILITY & INDUSTRIAL  
MANUFACTURING & FOOD  
MILITARY & AUTOMOTIVE  
AEROSPACE & AVIATION

LEADERSHIP • PERFORMANCE • SUSTAINABILITY

# MAIN MENU

LUBRICANTS /  
PENETRANTS  
**LP**

INDUSTRIAL  
DEGREASERS  
**ID**

ELECTRONIC  
CLEANERS  
**EC**

GREASES  
**G**

CORROSION  
INHIBITORS  
**CI**

CUTTING FLUIDS  
**CF**

POWER FLUIDS  
**PF**

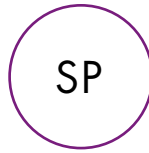
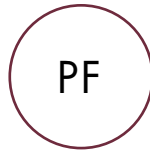
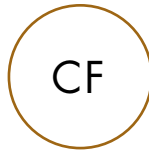
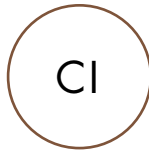
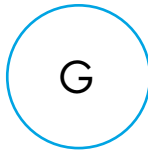
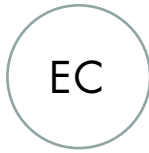
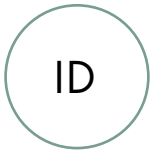
SPECIALTY MRO  
PRODUCTS  
**SP**

CONSOLIDATION  
PROGRAM

PRODUCT  
INDEX

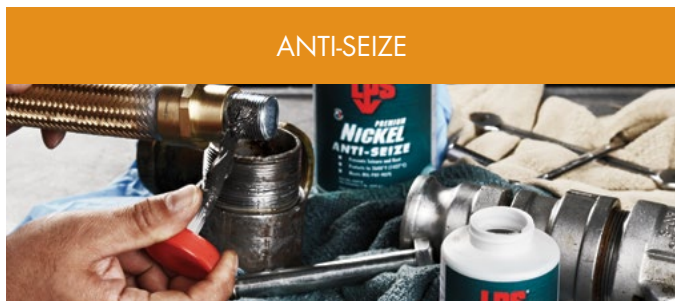
iS (EYES) -  
IDENTIFICATION  
SYSTEM

select a category

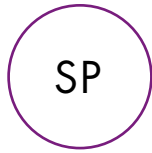
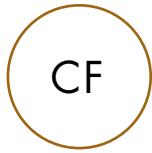
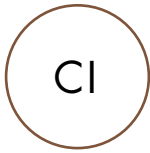
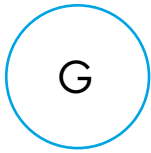
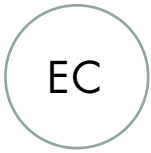


# LUBRICANTS / PENETRANTS

select a subcategory



select a category



# INDUSTRIAL DEGREASERS

select a subcategory

WATER-BASED



CITRUS-BASED



NON-FLAMMABLE - FAST DRYING SOLVENT DEGREASERS



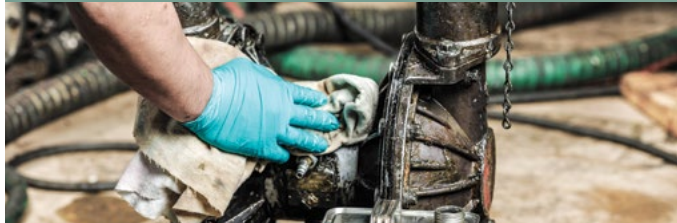
FAST DRYING SOLVENT DEGREASERS



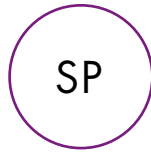
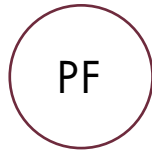
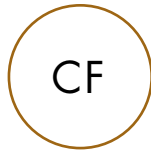
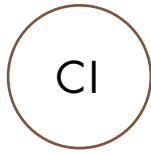
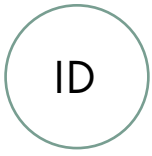
MODERATE DRY TIME



POWER & TELECOMMUNICATION SOLVENTS



select a category



# ELECTRONIC CLEANERS

select a subcategory

K2 ELECTRICAL CLEANERS WITH DETEX™



NON-FLAMMABLE



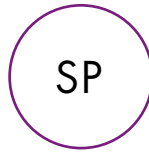
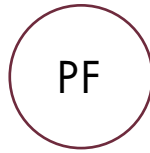
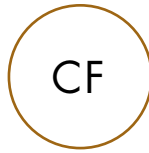
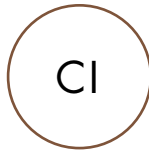
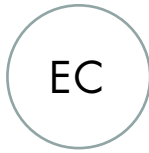
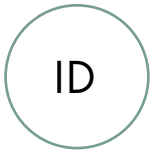
DUSTER



SAFE ON CIRCUIT BOARDS AND ELECTRICAL COMPONENTS



select a category



# GREASES

select a subcategory

## ALUMINUM COMPLEX & CALCIUM SULFONATE



## LITHIUM COMPLEX



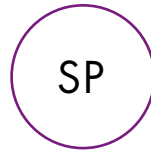
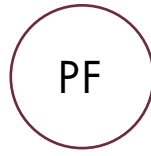
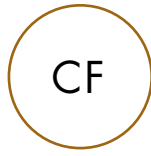
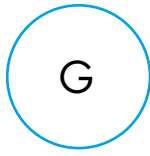
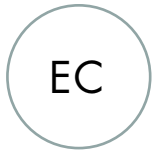
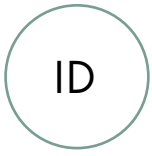
## H1 FOOD GRADE GREASE WITH DETEX™



## AEROSOLS



select a category



# CORROSION INHIBITORS

select a subcategory

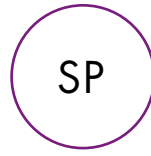
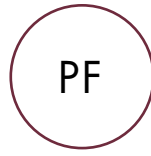
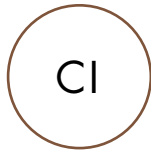
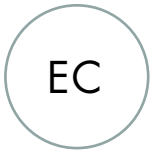
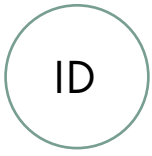
## WAX AND RESIN-BASED



## ZINC-BASED



select a category



## CUTTING FLUIDS

select a subcategory

DESIGNED FOR ALL METALS



ENGINEERED FOR ALUMINUM



DESIGNED FOR HARD-TO-MACHINE METALS

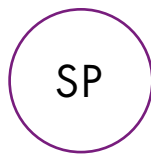
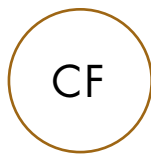
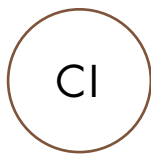
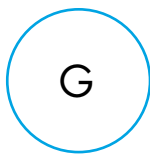
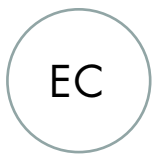


EDGE PRODUCTS





select a category



## POWER FLUIDS

select a subcategory

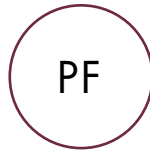
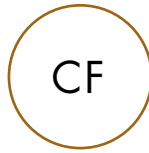
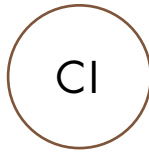
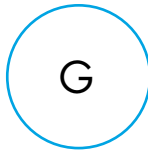
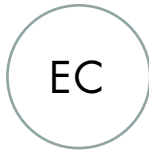
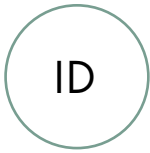
### SYNTHETICS



### NON-SYNTHETICS



select a category



## SPECIALTY MRO PRODUCTS

select a subcategory

H1 FOOD GRADE SPECIALTY PRODUCT WITH DETEX™



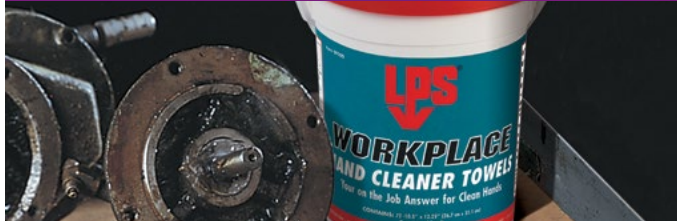
CABLE GEL CLEANERS



PULLING LUBRICANTS



MISC. SPECIALTY PRODUCTS



# CONSOLIDATION PROGRAM

BEFORE



AFTER



**DOCUMENTED COST SAVINGS**  
 ELIMINATE DUPLICATE INVENTORY  
 REDUCE HEALTH & SAFETY ISSUES  
 SIMPLIFY PURCHASE ORDERS  
 MAKE SELECTION EASIER  
 REMOVE USER CONFUSION  
 ELIMINATE VENDORS  
 SAVE SPACE

Take advantage of this FREE MRO Chemical Consolidation Analysis by calling us today!

# PRODUCT INDEX

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00122	LPS 1®	20 fl. oz. trigger	2JFD7	3
00144	LPS 1®	wipe	30KE56	3
00155	LPS 1®	55 gallon	20Y599	3
00216	LPS 2®	11 oz. aerosol	6Y744	3
00222	LPS 2®	20 fl. oz. trigger	2JFD9	3
00255	LPS 2®	55 gallon	4UAD6	3
00305	LPS 3®	5 gallon	20Y601	27
00316	LPS 3®	11 oz. aerosol	6Y745	27
00322	LPS 3®	20 fl. oz. trigger	2JFD6	27
00355	LPS 3®	55 gallon	20Y635	27
00416	Electro Contact Cleaner	14 oz. aerosol	20Y602	18
00516	Cold Galvanize	14 oz. aerosol	4KK70	28
00616	Magnum	11 oz. aerosol	4KK75	5
00705	Instant Super Degreaser	5 gallon	3HY57	12
00720	Instant Super Degreaser	20 oz. aerosol	20Y603	12
00755	Instant Super Degreaser	55 gallon	20Y624	12
00916	Electro 140°	11 oz. aerosol	2C642	19
01005	HDX	5 gallon	6JHX8	12
01020	HDX	19 oz. aerosol	4KK67	12
01055	HDX	55 gallon	6JHX9	12
01128	LPS 1®	1 gallon	20Y604	3
01216	Tapmatic® AquaCut	16 fl. oz.	2C649	30
01316	Food Grade Machine Oil	11 oz. aerosol	19C659	2
01420	PreSolve®	15 oz. aerosol	2C654	11
01422	PreSolve®	20 fl. oz. trigger	2JFD8	11
01455	PreSolve®	55 gallon	4UAD7	11
01516	Heavy-Duty Silicone Lubricant	13 oz. aerosol	4KK76	4
01616	Dry Film Silicone Lubricant	12 oz. aerosol	4KK78	4
01716	Food Grade Silicone Lubricant	10 oz. aerosol	19C657	2
01820	EFX®	15 oz. aerosol	20Y612	14
01916	LST	11 oz. aerosol	2C665	7
01955	LST	55 gallon	20Y619	7
02016	TKX®	11 oz. aerosol	4KK77	3
02022	TKX®	20 fl. oz. trigger	2JFD5	3
02055	TKX®	55 gallon	20Y621	3
02116	Anti-Spatter	13 oz. aerosol	5JG94	40
02216	Belt Dressing	10 oz. aerosol	19C660	37
02301	KB 88	1 gallon	1CMX4	7
02305	KB 88	5 gallon	1CMX5	7
02316	KB 88	13 oz. aerosol	1CMX3	7
02322	KB 88	20 fl. oz. trigger	6JHX4	7
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02516	Force B42™	11 oz. aerosol	5YH76	6
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02720	Precision Clean	18 oz. aerosol	3HY53	10
02728	Precision Clean	28 fl. oz. trigger	2C682	10
02755	Precision Clean	55 gallon	20Y625	10
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02820	EM-Citro	16 oz. aerosol	2HYX6	11
02855	EM-Citro	55 gallon	20Y627	11
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03128	LPS 3®	1 gallon	20Y605	27
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04320	A-151	15 oz. aerosol	4ETV6	13
04355	A-151	55 gallon	20Y629	13
04416	Revo 66	12 oz. aerosol	2HYX5	18
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04555	Micro-X	55 gallon	20Y623	19
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04955	F-104°	55 gallon	20Y630	13
05020	OCX™	15 oz. aerosol	4JB60	11
05201	EVR	1 gallon	2HY11	14
05205	EVR	5 gallon	2HY12	14
05220	EVR	14 oz. aerosol	2HYX7	14

LPS® PART #	PRODUCT NAME	NET CONTENTS	GRAINGER PART #	PAGE #
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05528	BFX	28 fl. oz. trigger	4JB59	10
05555	BFX	55 gallon	20Y634	10
05816	Red & Redi	11 oz. aerosol	5YH77	25
05916	BrightCoat Cold Galvanize	13 oz. aerosol	20Y611	28
06005	Food Grade Chain Lubricant	5 gallon	29FY04	2
06016	Food Grade Chain Lubricant	12 oz. aerosol	19C658	2
06220	U-10	14 oz. aerosol	3RW7T	14
06301	T-91™	1 gallon	4FRA4	10
06305	T-91™	5 gallon	4FRA5	10
06328	T-91™	28 fl. oz. trigger	6JHX7	10
06355	T-91™	55 gallon	4FRA6	10
06420	G-49™	15 oz. aerosol	4XME9	11
06508	Food Grade Anti-Seize	1/2 lb.	20Y617	8
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06616	Micro-X NU	11 oz. aerosol	4XMF1	19
06716	Clear Penetrating Grease	11 oz. aerosol	19C655	24
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43100	Tapmatic® Edge Creme	10 fl. oz.	4KK72	33
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57701	FoodLube® Sugar Dissolving Fluid	1 gallon	29FY03	1
57716	FoodLube® Sugar Dissolving Fluid	11 oz. aerosol	29FY01	1
57728	FoodLube® Sugar Dissolving Fluid	28 fl. oz. trigger	29FY02	1
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62055	PF®-HP	55 gallon	20Y649	15
62855	PF®-141IG	55 gallon	20Y650	15
70106	ThermaPlex® FoodLube	5 gallon	20Y607	22
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70206	ThermaPlex® Hi-Temp	5 gallon	39F848	23
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70614	ThermaPlex® Multi-Purpose	14.1 oz.	4UJ42	23
70655	ThermaPlex® Multi-Purpose	55 gallon	20Y642	23
70806	ThermaPlex® CS Moly	5 gallon	39F850	22
70814	ThermaPlex® CS Moly	14.1 oz.	4FPW8	22

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H1 FOOD GRADE LUBRICANTS WITH DETEX™

PACKAGED WITH: Metal Detectable Plastic Aerosol Components



**FOODLUBE® SUGAR DISSOLVING FLUID**



- Rapidly dissolves and removes sugars and fondants from applications commonly found in food and beverage facilities
- Leaves a light, durable lubricating film on the surface to prevent new accumulations of sugar
- Provides short term corrosion protection on exposed metal surfaces
- VOC compliant in all 50 states
- Wide temperature resistance of 41°F – 203°F (5°C – 95°C)
- Nonfood Compounds Program Listed Category Code: H1 Registration #147495 (Aerosol); #147492 (Bulk)

NET CONTENTS	LPS #	GRAINGER #	
15 wt.oz./425 g/427 mL	57716	29FY01	<b>ORDER</b>
28 fl.oz. (828 mL) trigger	57728	29FY02	<b>ORDER</b>
1 gal.(3.78 mL)	57701	29FY03	<b>ORDER</b>



**FOODLUBE® CHAIN SPRAY**  
SYNTHETIC LUBRICANT



- Fully synthetic formula extends chain life, protecting vital assets and lowering maintenance costs
- Exhibits excellent penetration and load carrying properties ensuring that the product lubricates and protects inside rollers, links, pins, etc.
- Provides a water displacing, strong bonding film with excellent water washout resistance and corrosion protection
- Excellent oxidation stability reduces relubrication intervals and saves on lubricant use
- Powerful foaming action penetrates close tolerances of chain bushings and pins
- VOC compliant in all 50 states
- Nonfood Compounds Program Listed Category Code: H1 Registration #147490 (Aerosol)

NET CONTENTS	LPS #	GRAINGER #	
11 wt.oz. / 312 g/ 422 mL	57616	29FX96	<b>ORDER</b>

**FOODLUBE® PENETRATING OIL**



- Fully synthetic, fast acting penetrant
- Excellent penetration through rust, scale, grease, and general dirt and grime
- Leaves a protective film that provides short term corrosion protection
- PTFE fortified for increased lubricity
- Fast acting formula for quick effective release of seized and corroded threaded fasteners
- Nonfood Compounds Program Listed Category Code: H1 Registration #147493 (Aerosol); #147494 (Bulk)

NET CONTENTS	LPS #	GRAINGER #	
11 wt.oz. / 312 g / 357 mL	57316	29FX97	<b>ORDER</b>
28 fl.oz. (828 mL) trigger	57328	29FX98	<b>ORDER</b>
1 gal. (3.78 l)	57301	29FX99	<b>ORDER</b>

MORE H1 FOOD GRADE LUBRICANTS >

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H1 FOOD GRADE LUBRICANTS WITH DETEX™

PACKAGED WITH: Metal Detectable Plastic Aerosol Components



**FOOD GRADE CHAIN LUBRICANT**



- Oily, wet film extends chain life
- Excellent for applications involving incidental food contact on food processing equipment
- Foaming action provides extra penetration and lubrication
- Nonfood Compounds Program Listed Category Code: H1 Registration #132899 (Aerosol)
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	
12 wt. oz./340 g/430 mL	06016	19C658	<a href="#">ORDER</a>
5 gal. (18.93 L)	06005	29FY04	<a href="#">ORDER</a>



**FOOD GRADE MACHINE OIL**



- Penetrates to loosen frozen nuts and bolts
- Provides excellent lubricity
- Colorless
- Eliminates sticking, binding, and squeaking
- Non-staining
- Safe on most surfaces
- Nonfood Compounds Program Listed Category Code: H1 Registration #129000 (Aerosol)
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	
11 wt. oz./312 g/376 mL	01316	19C659	<a href="#">ORDER</a>

**DRY FILM SILICONE**



**FOOD GRADE SILICONE LUBRICANT**



- Dry film will not attract dust or dirt
- Provides excellent lubrication
- Ideal for releasing molded parts
- Excellent for high temperature applications up to 500°F (260°C)
- Nonfood Compounds Program Listed Category Code: H1 Registration #113815 (Aerosol)
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	
10 wt. oz./284 g/454 mL	01716	19C657	<a href="#">ORDER</a>

**WET FILM SILICONE**



**HEAVY-DUTY SILICONE LUBRICANT**



- Water-based, siliconerich formula
- Colorless
- Ideal for rubber and plastic surfaces
- Eliminates sticking, binding, and squeaking
- Non-staining
- Safe on most surfaces
- Nonfood Compounds Program Listed Category Code: H1 Registration #059820 (Aerosol)
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	
13 wt. oz./369 g/439 mL	51516	19C656	<a href="#">ORDER</a>

◀ MORE H1 FOOD GRADE LUBRICANTS

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WET & DRY LUBRICANTS

DRY FILM LUBRICANT

LPS 1® GREASELESS LUBRICANT



- Provides a dry, thin, lubricating film
- Resists oil, dust, and dirt build-up
- Fast acting penetration
- Loosens rusted or frozen parts
- Provides a short term, light, corrosion resistant barrier
- Ideal for delicate mechanisms
- Safe on paint and most plastics
- Nonfood Compounds Program Listed Category Code: H2 Registration #059847 (Aerosol); #129040 (Bulk)
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	
11 wt. oz./312 g/379 mL	00116	6Y743	<b>ORDER</b>
20 fl. oz. (591 mL) Trigger	00122	2JFD7	<b>ORDER</b>
1 gal. (3.78 L)	01128	20Y604	<b>ORDER</b>
5 gal. (18.93 L)	00105	20Y598	<b>ORDER</b>
55 gal. (208 L)	00155	20Y599	<b>ORDER</b>

**NEW LPS 1® WEAPON WIPE**  
 Part No. **00144**  
 Grainger #: **30KE56**  
 Net Content:  
 7" x 10" Lint-Free,  
 Pre-Saturated Wipe

**SPECIAL ORDER**

WET FILM LUBRICANT

LPS 2® HEAVY-DUTY LUBRICANT



- Strong, multi-purpose lubricant, and penetrant with added corrosion protection
- Provides a non-drying, light, oily film for use on indoor/outdoor equipment
- Reduces wear caused by friction and corrosion
- Loosens rusted or frozen parts
- Provides up to one year of protection
- Nonfood Compounds Program Listed Category Code: H2 Registration #129026 (Aerosol); #059848 (Bulk)
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	
11 wt. oz./312 g/369 mL	00216	6Y744	<b>ORDER</b>
20 fl. oz. (591 mL) Trigger	00222	2JFD9	<b>ORDER</b>
1 gal. (3.78 L)	02128	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 L)	00205	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (208 L)	00255	4UAD6	<b>ORDER</b>

WET FILM LUBRICANT

TKX® ALL-PURPOSE LUBRICANT

VALUE PERFORMANCE "X" PRODUCT



- Excellent all purpose lubricant
- Loosens rusted or frozen parts
- Protects against corrosion
- High flash point of 175°F (79°C)
- Nonfood Compounds Program Listed Category Code: H2 Registration #059842 (Aerosol); #059843 (Bulk)
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	
11 wt. oz./312 g/368 mL	02016	4KK77	<b>ORDER</b>
20 fl. oz. (591 mL) Trigger	02022	2JFD5	<b>ORDER</b>
1 gal. (3.78 L)	02028	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 L)	02005	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (208 L)	02055	20Y621	<b>ORDER</b>

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SILICONES

DRY FILM SILICONE

DRY FILM SILICONE LUBRICANT



- Ultra dry film reduces sticking of sliding parts
- Provides excellent lubrication
- Excellent for releasing molded parts
- Excellent for high temperature applications up to 500°F (260°C)
- Colorless, thin film

NET CONTENTS	LPS #	GRAINGER #
11 wt. oz./312 g/373 mL	01616	4KK78

**ORDER**

WET FILM SILICONE

HEAVY-DUTY SILICONE LUBRICANT



- Water-based, silicone-rich formula
- Colorless
- Ideal for rubber and plastic surfaces
- Eliminates sticking, binding, and squeaking
- Non-staining
- Safe on most surfaces
- Nonfood Compounds Program Listed Category Code: H1 Registration #059820 (Aerosol); #059821 (Bulk)
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #
13 wt. oz./369 g/439 mL	01516	4KK76
5 gal. (18.93 L)	01505	Special Order*

**ORDER**

**SPECIAL ORDER**

VIEW MORE SILICONE PRODUCTS WITH DETEX™



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LUBRICANTS WITH PTFE

**DRY** FILM PTFE

**DRY FILM PTFE LUBRICANT**



- Dry film will not attract dust or dirt
- Provides excellent lubrication
- Excellent for releasing molded parts
- Excellent for high temperature applications up to 500°F (260°C)
- Colorless, thin film
- Petroleum base

NET CONTENTS	LPS #	GRAINGER #
11 wt. oz./312 g/370 mL	02616	4KK82

**ORDER**

**WET** FILM PTFE

**MAGNUM** PREMIUM LUBRICANT WITH PTFE



- High performance lubricant with PTFE additives
- Ideal for both regular and extreme conditions
- Penetrates and protects metal against rust and corrosion
- Flash point of 175°F (79°C)
- Safe to use on most surfaces
- Nonfood Compounds Program Listed Category Code: H2 Registration #128980 (Aerosol); #128981 (Bulk)

NET CONTENTS	LPS #	GRAINGER #
11 wt. oz./312 g/358 mL	00616	4KK75
5 gal. (18.93 L)	00605	Special Order*

**ORDER**

**SPECIAL ORDER**

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LUBRICANTS WITH MOLY

**DRY** FILM MOLY

**FORCE 842®** DRY MOLY LUBRICANT



**NO**  
CHLOR  
SOLV

**NO**  
SIL

**HI**  
TEMP

**EP**

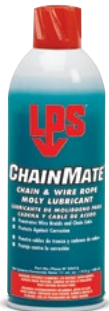
- Fortified with molybdenum disulfide
- Provides a quick drying, thin film
- For assembly and break-in lubrication
- Works under high temperatures – 842°F (450°C) and pressures – 100,000 psi (6890 Bars)
- Resists dust and dirt
- Prevents seizure of parts
- High adhesion
- Water and chemical resistant

NET CONTENTS	LPS #	GRAINGER #
11 wt. oz./312 g/468 mL	02516	5YH76

**ORDER**

**WET** FILM MOLY

**CHAINMATE®** CHAIN & WIRE ROPE LUBRICANT



**NO**  
CHLOR  
SOLV

**NO**  
SIL

**HI**  
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- Fortified with molybdenum disulfide
- Increases the life of chains and wire ropes
- Effective under extreme temperature and pressure ranges
- Deep penetration to the core of wire ropes
- Reduces wear caused by friction and corrosion
- Lubricant and corrosion protectant
- High adhesion
- Use with guards in place to eliminate costly down time

NET CONTENTS	LPS #	GRAINGER #
11 wt. oz./312 g/428 mL	02416	3HY54

**ORDER**

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PENETRANTS

KB 88 HAS A **HIGHER KB VALUE** THAN MOST COMPETITIVE PRODUCTS

**KB 88** THE ULTIMATE PENETRANT



- The world's best penetrant
- Formulated to attack and quickly release rusted and corroded nuts, bolts, hinges, and other frozen components
- High KB solvency value of 151 and low surface tension
- Penetrates faster and deeper than most other competitive products in the market place
- Aggressive formula
- Nonfood Compounds Program Listed Category Code: H2 Registration #138554 (Aerosol); #138553 (Bulk)

NET CONTENTS	LPS #	GRAINGER #	
13 wt. oz./369 g/417 mL	02316	1CMX3	<b>ORDER</b>
20 fl. oz. (591 mL) Trigger	02322	6JHX4	<b>ORDER</b>
1 gal. (3.78 l)	02301	1CMX4	<b>ORDER</b>
5 gal. (18.93 l)	02305	1CMX5	<b>ORDER</b>

LST HAS A **LOWER SURFACE TENSION** THAN MOST COMPETITIVE PRODUCTS

**LST** PENETRANT



- Specially formulated with low surface tension for fast penetrating action
- Loosens rust and corrosion to free frozen parts
- Powerful foaming action provides complete surface coverage
- Flash point of 175°F (79°C)
- Nonfood Compounds Program Listed Category Code: H2 Registration #059851 (Aerosol); #059823 (Bulk)

NET CONTENTS	LPS #	GRAINGER #	
11 wt. oz./312 g/382 mL	01916	2C665	<b>ORDER</b>
1 gal. (3.78 l)	01928	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 l)	01905	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (208 l)	01955	20Y619	<b>ORDER</b>

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ANTI-SEIZES



FOOD GRADE ANTI-SEIZE



- Protects against seizure, heat-freeze, galling, rust, and corrosion
- Great for food processing and food handling applications
- Service rating: -65°F (-54°C) to 1800°F (982°C)
- Non-staining
- Lowers friction; reduces wrench torque
- Contains no metals
- Not affected by contraction, expansion, or vibration
- Water resistant
- May be used with potable water
- Nonfood Compounds Program Listed Category Code: H1 Registration #143035
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	
1/2 lb. (227 g)	06508	20Y617	<b>ORDER</b>
1 lb. (454 g)	06510	20Y618	<b>ORDER</b>



COPPER ANTI-SEIZE



- Prevents seizure up to 1800°F (982°C)
- Lead free
- Protects against seizure, heat-freeze, galling, rust and corrosion
- Brushes easily
- Highly adhesive on both wet and dry surfaces
- Will not run, drip, or settle out
- Ideal for use on stainless steel and for joining dissimilar metals
- Copper color

NET CONTENTS	LPS #	GRAINGER #	
12 wt. oz./340 g/406 mL	02916	Special Order*	<b>SPECIAL ORDER</b>
1/2 lb. (227 g)	02908	Special Order*	<b>SPECIAL ORDER</b>
1 lb. (454 g)	02910	Special Order*	<b>SPECIAL ORDER</b>



ALL-PURPOSE ANTI-SEIZE



- Prevents seizure up to 1800°F (982°C)
- Moly fortified
- Lead free
- Protects against seizure, heat-freeze, galling, rust, and corrosion
- Lowers friction; reduces wrench torque
- Reduces maintenance costs
- Not affected by contraction, expansion, or vibration
- Will not run, drip, or settle out
- Charcoal grey color

NET CONTENTS	LPS #	GRAINGER #	
1/2 lb. (227 g)	04108	Special Order*	<b>SPECIAL ORDER</b>
1 lb. (454 g)	04110	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 L)	04105	Special Order*	<b>SPECIAL ORDER</b>



NICKEL ANTI-SEIZE



- Prevents seizure up to 2600°F (1427°C)
- Does not contain lead, copper, or graphite
- Protects against seizure, rust, and corrosion
- Chemically inert
- Can be used with ammonia, acetylene, and vinyl monomers which are unstable in the presence of copper
- Strong resistance to water wash off
- Brushable to -18°F (-27°C)
- Will not run, drip, or settle out
- Ideal for use on stainless steel and for joining dissimilar metals
- Silver color
- Acid resistant

NET CONTENTS	LPS #	GRAINGER #	
1/2 lb. (227 g)	03908	Special Order*	<b>SPECIAL ORDER</b>
1 lb. (454 g)	03910	Special Order*	<b>SPECIAL ORDER</b>



TECHNICAL PROPERTIES

NFPA* FLAMMABILITY RATING					
WET FILM LUBRICANTS	CHAINMATE®				
	LPS 2®				
	MAGNUM				
	TKX®				
DRY FILM LUBRICANTS	DRY FILM PTFE LUBRICANT				
	DRY FILM SILICONE LUBRICANT				
	FORCE 842®				
	LPS 1®				
PENETRANTS	KB 88				
	LST				
FOOD GRADE	FOOD GRADE CHAIN LUBRICANT				
	FOOD GRADE MACHINE OIL				
	FOOD GRADE SILICONE LUBRICANT				
	HEAVY-DUTY SILICONE LUBRICANT				
	FOODLUBE® SUGAR DIS. FLUID	BULK			AEROSOL
	FOODLUBE® CHAIN SPRAY				
	FOODLUBE® PENETRATING OIL				
TEMP RANGE		<NON-FLAM			EXTR-FLAM>
		1	2	3	4

CORROSION PROTECTION LONGEVITY (INDOORS)					
			6		
					12
					12
				9	
1					
1					12
		3			
1					
1					
			4		
		3			
1					
1					
				2	
					4
				2	
MONTHS					
	2	4	6	8	10 12

\*NATIONAL FIRE PROTECTION ASSOCIATION

ANTI-SEIZES	NSF® REGISTERED	TEMPERATURE RANGE										TYPE OF ANTI-SEIZE								
		-100°F	0°F	250°F	500°F	750°F	1000°F	1250°F	1500°F	1750°F	2000°F	2250°F	2500°F	2750°F	3000°F	ALUMINUM COMPLEX	NICKEL	COPPER	MOLY & GRAPHITE	
FOOD GRADE	H1																			
COPPER																				
ALL-PURPOSE																				
NICKEL																				

		COMPLIANT					TYPE OF LUBRICANT				
		OTC	CARB	NSF® REGISTERED	CFIA*	NON FLAMMABLE	DI-ELECTRIC STRENGTH	MOLY-BASED	SILICONE-BASED	PTFE	PETROLEUM
WET FILM LUBRICANTS	CHAINMATE®						NE**				
	LPS 2®			H2			33 kV				
	MAGNUM			H2			15 kV				
	TKX®			H2			32 kV				
DRY FILM LUBRICANTS	DRY FILM PTFE LUBRICANT						NE**				
	DRY FILM SILICONE LUBRICANT						NE**				
	FORCE 842®						NE**				
	LPS 1®			H2			32 kV				
PENETRANTS	KB 88			H2			NE**				
	LST			H2			33 kV				
FOOD GRADE	FOOD GRADE CHAIN LUBRICANT			H1			NE**				
	FOOD GRADE MACHINE OIL			H1			NE**				
	FOOD GRADE SILICONE LUBRICANT			H1			NE**				
	HEAVY-DUTY SILICONE LUBRICANT			H1			NE**				
	FOODLUBE® SUGAR DIS. FLUID			H1		BULK	N/A***				
	FOODLUBE® CHAIN SPRAY			H1			NE**				
	FOODLUBE® PENETRATING OIL			H1			NE**				



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## WATER-BASED

pH = 7.3 - 7.7

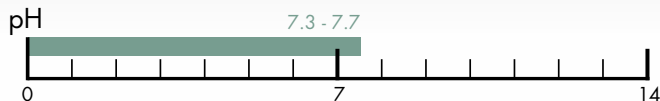


### T-91™ NON-SOLVENT DEGREASER



- Premium performance cleaning ability
- Zero VOCs: VOC's per CARB/OTC/LADCO: 0 g/L, VOC content per SCAQMD: 0 g/L
- Listed in the USDA BioPreferredSM Catalog
- Efficient: requires less product than traditional solvents to get the job done
- Ideal for traditional solvent cleaning, plastic basin style part washers, and dip tanks
- Nonfood Compounds Program Listed Category Code: A1 Registration #141975 (Bulk)
- Moderate foam for effective mechanical cleaning

NET CONTENTS	LPS #	GRAINGER #	
28 fl. oz. (828 ml) Trigger	06328	6JHX7	<b>ORDER</b>
1 gal. (3.78 L)	06301	4FRA4	<b>ORDER</b>
5 gal. (18.93 L)	06305	4FRA5	<b>ORDER</b>
55 gal. (208 L)	06355	4FRA6	<b>ORDER</b>



### APPLICATION DILUTION CHART

Use T-91™ undiluted (straight) as a direct solvent replacement for all heavy duty degreasing applications.

DILUTION RATIO PRODUCT: (as a neutral pH cleaner) Water	APPLICATIONS: (Suggested dilution ranges for cleaning surfaces not damaged by water alone)
<b>1:10 - 1:75</b>	Finished Floors: Light to Heavy Duty Cleaning/Degreasing
<b>Undiluted - 1 : 10</b>	Metals: Heavy Duty Cleaning/Degreasing
<b>1:20 - 1:80</b>	Plastics, rubbers, and painted surfaces
<b>1:50 - 1:100</b>	Glass
<b>1:10 - 1:80</b>	Pressure Washing: Light to Heavy-Duty Cleaning/Degreasing
<b>1:10 - 1:25</b>	Soak Tanks [Do Not Exceed 140°F (60°C)]

pH concentrate = 13, pH ready-to-use = 12.5

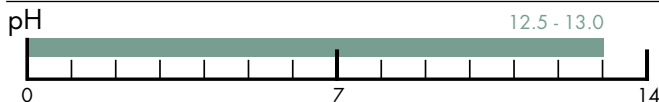


### PRECISION CLEAN MULTI-PURPOSE CLEANER/ DEGREASER



- Super industrial strength removes tough stains and soils
- Does not contain butyl, chlorinated or petroleum solvents, bleach, ammonia, or abrasives
- Alkaline formula inhibits flash rusting
- Rinses clean
- Safe on all surfaces except magnesium
- Nonfood Compounds Program Listed Category Code: C1 Registration #059854 (Bulk)
- Three formulations available: Aerosol, Concentrate, and Ready-to-use

NET CONTENTS	LPS #	GRAINGER #	
<b>READY-TO-USE</b>			
18 wt. oz./510 g/525 ml	02720	3HY53	<b>ORDER</b>
28 fl. oz. (828 ml) Trigger	02728	2C682	<b>ORDER</b>
55 gal. (208 L)	02765	Special Order*	<b>SPECIAL ORDER</b>
<b>CONCENTRATE</b>			
1 gal. (3.78 L)	02701	2C670	<b>ORDER</b>
5 gal. (18.93 L)	02705	2C674	<b>ORDER</b>
55 gal. (208 L)	02755	20Y625	<b>ORDER</b>



pH concentrate = 11

VALUE PERFORMANCE "X" PRODUCT

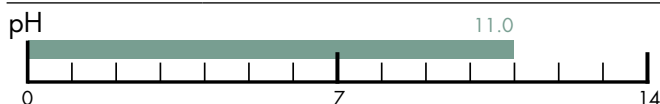


### BFX ALL-PURPOSE CLEANER



- Water-based
- Non-corrosive
- Industrial strength for hard to remove grease and oil
- Rinses clean
- Ideal for parts washers and pressure washers
- Safe on most surfaces except magnesium
- Nonfood Compounds Program Listed Category Code: C1 Registration #130101 (Bulk)

NET CONTENTS	LPS #	GRAINGER #	
28 fl. oz. (828 ml) Trigger	05528	4JB59	<b>ORDER</b>
1 gal. (3.78 L)	05501	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 L)	05505	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (208 L)	05555	20Y634	<b>ORDER</b>





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## CITRUS-BASED



### G-49™ ORANGE DEGREASER LOW VOCS



- Instant cleaning action
- Excellent for removing grease, grime, oil, and adhesives
- High solvent strength
- Moderate evaporation
- Excellent alternative to Methyl Ethyl Ketone (MEK)
- Ideal for cleaning equipment
- Nonfood Compounds Program Listed Category Code: C1 Registration #142147 (Aerosol)

NET CONTENTS	LPS #	GRAINGER #	ORDER
15 wt. oz./425 g/528 mL	06420	4XME9	<a href="#">ORDER</a>



### EM-CITRO EMULSION DEGREASER



- Heavy-duty, citrus-based, degreaser that quickly removes oil, grease, tar, and grime from metal parts and equipment
- High delivery spray enhances and accelerates soil removal
- Neutral pH with no caustics, acids, chlorinated solvents, alcohols, or ozone depleting solvents
- Safe on most surfaces
- Low foaming viscous liquid enhances contact time by clinging to the soil and surface
- Nonfood Compounds Program Listed Category Code: C1 Registration #138552 (Aerosol); #138551 (Bulk)

NET CONTENTS	LPS #	GRAINGER #	ORDER
<b>READY-TO-USE</b>			
15 wt. oz./425 g/487 mL	02820	2HYX6	<a href="#">ORDER</a>
<b>CONCENTRATE</b>			
5 gal. (18.93 L)	02805	2HYX9	<a href="#">ORDER</a>
55 gal. (208 L)	02855	20Y627	<a href="#">ORDER</a>

## VALUE PERFORMANCE "X" PRODUCT



### PRESOLVE® ORANGE DEGREASER



- High performance industrial cleaner which cleans on contact
- Ideal for removing grease, tars, and oils
- Fast acting, deep penetration
- Controlled evaporation
- Flash point above 100°F (38°C)
- Low residue
- Nonfood Compounds Program Listed Category Code: C1 Registration #129025 (Aerosol); #059830 (Bulk)
- Safe on all metals and most plastics

NET CONTENTS	LPS #	GRAINGER #	ORDER
15 wt. oz./425 g/523 mL	01420	2C654	<a href="#">ORDER</a>
20 fl. oz. (591 g) Trigger	01422	2JFD8	<a href="#">ORDER</a>
1 gal. (3.78 L)	01428	Special Order*	<a href="#">SPECIAL ORDER</a>
5 gal. (18.93 L)	01405	Special Order*	<a href="#">SPECIAL ORDER</a>
55 gal. (208 L)	01455	4UAD7	<a href="#">ORDER</a>



### OCX™ CITRUS DEGREASER



- High performance industrial degreaser which cleans on contact
- Fast acting on grease, oil, and sludge
- Natural based
- Flash point above 100°F (38°C)
- Safe on all metals and most plastics

NET CONTENTS	LPS #	GRAINGER #	ORDER
15 wt. oz./425 g/532 mL	05020	4JB60	<a href="#">ORDER</a>
5 gal. (18.93 L)	05005	Special Order*	<a href="#">SPECIAL ORDER</a>



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NON-FLAMMABLE - FAST DRYING SOLVENT DEGREASERS

**INSTANT SUPER DEGREASER**



- Excellent degreaser for removing greases and oils
- Safe on all metals
- Nonfood Compounds Program Listed Category Code: C1 Registration #129029 (Aerosol); #129028 (Bulk)
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	
20 wt. oz./567 g/441 mL	00720	20Y603	<a href="#">ORDER</a>
5 gal. (18.93 L)	00705	3HY57	<a href="#">ORDER</a>
55 gal. (208 L)	00755*	20Y624	<a href="#">ORDER</a>

**HDX HEAVY-DUTY DEGREASER**

VALUE PERFORMANCE "X" PRODUCT



- Heavy-duty action removes oil, grease, wax, dirt, moisture, tar, and other contaminants
- Nonfood Compounds Program Listed Category Code: K1 Registration #059809 (Aerosol); #059810 (Bulk)

NET CONTENTS	LPS #	GRAINGER #	
19 wt. oz./539 g/376 mL	01020	4KK67	<a href="#">ORDER</a>
5 gal. (18.93 L)	01005	6JHX8	<a href="#">ORDER</a>
55 gal. (208 L)	01055	6JHX9	<a href="#">ORDER</a>





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MODERATE DRY TIME

**A-151** SOLVENT DEGREASER



- High flash point ≥ 158°F (70°C)
- VOC exempt per EPA and CARB guidelines
- Removes oil, grease, and other contaminants
- Ideal for parts washers, dip tanks, and ultrasonic cleaners
- Controlled evaporation
- Nonfood Compounds Program Listed Category Code: C1 Registration #059811 (Aerosol); #059812 (Bulk)

NET CONTENTS	LPS #	GRAINGER #	
15 wt. oz./425 g/498 mL	04320	4ETV6	<b>ORDER</b>
5 gal. (18.93 L)	04305	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (208 L)	04355	20Y629	<b>ORDER</b>

**F-104°** SOLVENT DEGREASER



- Heavy-duty degreaser with a 104°F (40°C) flash point
- Controlled evaporation
- Safe to use on most surfaces
- No rinsing
- Minimal residue

NET CONTENTS	LPS #	GRAINGER #	
15 wt. oz./425 g/532 mL	04920	20Y608	<b>ORDER</b>
5 gal. (18.93 L)	04905	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (208 L)	04955	20Y630	<b>ORDER</b>

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FAST DRYING SOLVENT DEGREASERS

VALUE PERFORMANCE "X" PRODUCT



**ZEROTRI®**  
HEAVY-DUTY DEGREASER



- Instant degreasing action
- Safe to use on most surfaces
- Ideal for degreasing metals
- Nonfood Compounds Program Listed Category Code: C1 Registration #059845 (Aerosol); #059846 (Bulk)
- Acceptable for use in Canadian Food Processing Establishments



**EFX®**  
SOLVENT/DEGREASER



- Fast-acting, heavy-duty solvent that degreases and cleans in a single operation
- Power blast spray instantly removes oil, grease, wax, dirt, tar, and other contaminants
- Ideal for cleaning metals and most plastics

NET CONTENTS	LPS #	GRAINGER #	
15 wt. oz./425 g/563 mL	03520	2C691	<b>ORDER</b>
1 gal. (3.78 L)	03528	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 L)	03505	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (208 L)	03555	20Y628	<b>ORDER</b>

NET CONTENTS	LPS #	GRAINGER #	
14 wt. oz./397 g/588 mL	01820	20Y612	<b>ORDER</b>
5 gal. (18.93 L)	01805	Special Order*	<b>SPECIAL ORDER</b>

VOG COMPLIANT

**EVR** CLEAN AIR SOLVENT DEGREASER



- High solvent strength
- Instant cleaning action
- Excellent alternative to Methyl Ethyl Ketone (MEK)
- Nonfood Compounds Program Listed Category Code: C1 Registration #141139 (Aerosol)
- Ideal for cleaning metals
- No ozone depleting compounds

NET CONTENTS	LPS #	GRAINGER #	
15 wt. oz./397 g/492 mL	05220	2HYX7	<b>ORDER</b>
1 gal. (3.78 L)	05201	2HY11	<b>ORDER</b>
5 gal. (18.93 L)	05205	2HY12	<b>ORDER</b>
55 gal. (208 L)	05255	20Y631	<b>ORDER</b>

VOG COMPLIANT

**TRIFREE**  
BRAKE CLEANER



- Heavy-duty performance
- Instant degreasing action
- Improves brake performance
- Helps stop disc brake squeal
- Powerful jet spray

NET CONTENTS	LPS #	GRAINGER #	
15 wt. oz./425 g/544 mL	03620	4KK68	<b>ORDER</b>

**U-10**  
BRAKE CLEANER



- Replaces harmful chlorinated and smog producing VOC solvents
- Instantly removes brake fluid, dust, grease, and oil
- Improves brake performance
- Helps stop disc brake squeal
- Powerful jet spray and high solvency
- Can be applied without disassembling the brake unit
- No ozone depleting chemicals
- No rinsing

NET CONTENTS	LPS #	GRAINGER #	
14 wt. oz./397 g/501 mL	06220	3RWT7	<b>ORDER</b>



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POWER & TELECOMMUNICATION SOLVENTS

PF® SOLVENT



- A full strength, penetrating degreaser that removes grease and oil
- Specially formulated for power utility applications
- Compatible with power cables and components
- Flash point above 140°F (60°C)
- Does not contain chlorinated solvents such as trichloroethylene or perchloroethylene
- Can be used in parts washers, dip tanks, and ultrasonic cleaners
- Safe to use on most surfaces

NET CONTENTS	LPS #	GRAINGER #	
144 single wipes per case	61400	4JB67	<b>ORDER</b>
144 wet/dry wipes	61410	Special Order*	<b>SPECIAL ORDER</b>
14 wt. oz./397 g/516 mL	61420	4JB68	<b>ORDER</b>
32 fl. oz. (.946 L)	61432	4JB69	<b>ORDER</b>
1 gal. (3.78 L)	61401	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 L)	61405	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (208 L)	61456	20Y648	<b>ORDER</b>

PF®-141 IG INDUSTRIAL GRADE SOLVENT



- Removes petroleum based oils such as stamping oils, cutting fluids, rust inhibitors, and cable pulling lubricants
- Flash point above 140°F (60°C)
- No ozone depletion potential
- Excellent for use in parts washers
- Will not attack most commercial resins, plastics, urethanes, and synthetic rubbers
- Non-corrosive to metals such as copper, aluminum, magnesium, and stainless steel

NET CONTENTS	LPS #	GRAINGER #	
55 gal. (208 L)	62855	20Y650	<b>ORDER</b>

PF®-HP HIGH PERFORMANCE SOLVENT



- Heavy duty, penetrating degreaser that removes grease and oil
- Specially formulated for power utility applications
- Compatible with power cable and power cable components
- Excellent for use in part washers and dip tanks
- Flash point above 140°F (60°C)
- No ozone depletion potential

NET CONTENTS	LPS #	GRAINGER #	
1 gal. (3.78 L)	62001	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 L)	62005	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (208 L)	62055**	20Y649	<b>ORDER</b>



## TECHNICAL PROPERTIES

DI-ELECTRIC STRENGTH								
A-151			36					
BFX	NOT APPLICABLE							
EFX®	NOT APPLICABLE							
EM-CITRO	NOT APPLICABLE							
EVR	NOT APPLICABLE							
F-104°	13							
G-49™	NOT APPLICABLE							
HDX		30						
ISD*	9							
OCX™		32						
PF®-141 IG			45					
PF®-HP		29						
PF® SOLVENT			39					
PRECISION CLEAN	NOT APPLICABLE							
PRESOLVE®			42					
T-91™	NOT APPLICABLE							
TRIFREE	NOT APPLICABLE							
U-10	NOT APPLICABLE							
ZEROTRI®	NOT APPLICABLE							
kV (Kilovolts)	10	20	30	40	50	60	70	90

Kb VALUE							
A-151			72				
EFX®		48					
EM-CITRO			56	BULK ONLY			
EVR					125		
F-104°		50					
G-49™					125		
HDX						133	
ISD*						125	
OCX™		49					
PF®-141 IG	27						
PF®-HP			73				
PF® SOLVENT	25						
PRESOLVE®		53					
TRIFREE					124		
U-10					124		
ZEROTRI®					124		
Kb	20	40	60	80	100	120	140

pH VALUE									
BFX						11			
PRECISION CLEAN							13		
T-91™				7.5					
pH	2		4		6	8	10	12	14

FLASHPOINT																					
A-151																				158°F (70°C)	
BFX	WATER-BASED: NOT APPLICABLE																				
EFX®																				21°F (-6°C)	
EM-CITRO																				195°F (90°C)	
EVR																				-4°F (-20°C)	
F-104°																				104°F (40°C)	
G-49™																				<0°F (-18°C)	
HDX	NON-FLAMMABLE																				
ISD*	NON-FLAMMABLE																				
OCX™																				104°F (40°C)	
PF®-141 IG																				142°F (61°C)	
PF®-HP																				142°F (61°C)	
PF® SOLVENT																				142°F (61°C)	
PRECISION CLEAN	WATER-BASED: NOT APPLICABLE																				
PRESOLVE®																				104°F (40°C)	
T-91™	WATER-BASED: NOT APPLICABLE																				
TRIFREE																				<0°F (-18°C)	
U-10																				-4°F (-20°C)	
ZEROTRI®																				<0°F (-18°C)	
°F	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°
°C	-18°	-12°	-7°	-1°	4°	10°	16°	21°	27°	32°	38°	43°	49°	54°	60°	66°	71°	77°	82°	88°	93°

	COMPLIANT									
	OTC	CARB	NSF® CERTIFIED	CFIA**	BIODEGRADABLE	NON-FLAMMABLE	NON-CONDUCTIVE	FAST EVAPORATING	NO CHLORINATED SOLVENTS	
A-151	●	●	⚠				●		●	
BFX			⚠		●	●				
EFX®								●	●	
EM-CITRO	●	●	⚠						●	
EVR	●	●	⚠					●	●	
F-104°							●		●	
G-49™	●	●	⚠						●	
HDX			⚠			●	●	●	●	
ISD*			⚠	●		●	●	●	●	
OCX™							●	●	●	
PF®-141 IG							●	●	●	
PF®-HP							●	●	●	
PF® SOLVENT							●	●	●	
PRECISION CLEAN	●	●	⚠		●	●			●	
PRESOLVE®			⚠				●		●	
T-91™	●	●	⚠	●	●	●			●	
TRIFREE								●	●	
U-10	●	●						●	●	
ZEROTRI®			⚠	●				●	●	



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K2 ELECTRONIC CLEANERS WITH DETEX™

PACKAGED WITH: Metal Detectable Plastic Aerosol Components

NON-FLAMMABLE

K2 NF ELECTRONIC CLEANER



- Non-flammable cleaner with high dielectric strength
- Rapidly evaporates, leaving no residue
- Safe to use on most surfaces
- High solvency value for quick penetration and effective cleaning
- Ideal for use in food industry applications when food is not being processed
- VOC compliant in all 50 states
- Nonfood Compounds Program Listed Category Code: K2 Registration #146517 (Aerosol)

NET CONTENTS	LPS #	GRAINGER #	ORDER
12 wt. oz./340 g/279 mL	57016	38F845	<a href="#">ORDER</a>

K2 ELECTRONIC CLEANER



- Removes dirt, moisture, and oxides from electronic equipment
- Plastic safe and ideal for cleaning delicate precision mechanisms
- Rapidly evaporates, leaving no residue
- Manufactured for the food industry and safe for use in all plant areas when food is not being processed
- VOC compliant in all 50 States
- Ideal for use on off-line electronic components
- Nonfood Compounds Program Listed Category Code: K2 Registration #146516 (Aerosol)

NET CONTENTS	LPS #	GRAINGER #	ORDER
11 wt. oz./312 g/416 mL	57116	38F844	<a href="#">ORDER</a>



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NON-FLAMMABLE

VOG COMPLIANT



**NOFLASH®**  
ELECTRO CONTACT CLEANER



- Unique alternative to HCFC cleaners
- Quick penetration
- Safe to use on most surfaces, but may be harmful to some plastics
- VOC compliant in California
- Nonfood Compounds Program Listed Category Code: K2 Registration #131303 (Aerosol)

NET CONTENTS	LPS #	GRAINGER #	ORDER
12 wt. oz./340 g/268 mL	04016**	2F017	<a href="#">ORDER</a>

VOG COMPLIANT



**REVO 66**  
CONTACT CLEANER



- Unique alternative to HCFC cleaners
- Does not contain brominated solvents
- Ideal for removing dirt, moisture, flux, or oxides from the internal components of electronic equipment
- Quick penetration
- No rinsing
- Safe to use on most surfaces
- Nonfood Compounds Program Listed Category Code: K2 Registration #140245 (Aerosol)
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	ORDER
12 wt. oz./340 g/279 mL	04416	2HYX5	<a href="#">ORDER</a>

VOG COMPLIANT



**VOC FREE**  
CONTACT CLEANER



- Excellent for cleaning electrical equipment and fine precision parts
- Does not contain VOCs per EPA guidelines
- Penetrates to remove light greases, oils, dirt, and organic soils
- Conforms to SCAQMD Rules 102 and 1171
- Safe on most surfaces, but may be harmful to some plastics

NET CONTENTS	LPS #	GRAINGER #	ORDER
14 wt. oz./397 g/296 mL	03416**	6JHX6	<a href="#">ORDER</a>

VOG COMPLIANT

VALUE PERFORMANCE "X" PRODUCT



**ELECTRA-X**  
CONTACT CLEANER



- Quick penetration
- Does not contain HCFCs
- Ideal for electronic and fine parts
- Removes light greases, oils, dirt, and organic soils

NET CONTENTS	LPS #	GRAINGER #	SPECIAL ORDER
12 wt. oz./340g/266mL	00816**	Special Order*	<a href="#">SPECIAL ORDER</a>

PLASTIC SAFE



**ELECTRO CONTACT CLEANER**



- Quick penetration
- Does not contain HCFCs
- Ideal for electronic and fine parts
- Removes light greases, oils, dirt, and organic soils

NET CONTENTS	LPS #	GRAINGER #	ORDER
14 wt. oz./397g/301mL	00416	20Y602	<a href="#">ORDER</a>

PLASTIC SAFE



**PSC**  
PLASTIC SAFE CLEANER



- Formulated for contact cleaning
- Does not contain HCFCs
- Nonfood Compounds Program Listed Category Code: K2 Registration K2 #129002 (Aerosol)

NET CONTENTS	LPS #	GRAINGER #	ORDER
12 wt. oz./510 g/412 mL	04620	4KK69	<a href="#">ORDER</a>



SAFE ON CIRCUIT BOARDS AND ELECTRONIC COMPONENTS

VOG COMPLIANT



**CFC FREE NU**  
CONTACT CLEANER



- Ideal for electronic and fine parts
- Cleans delicate precision mechanism
- Penetrating action removes dirt, flux, moisture, dust, oxides, and other contaminants
- Nonfood Compounds Program Listed Category Code: K2 #142024 (Aerosol)

NET CONTENTS	LPS #	GRAINGER #	ORDER
11 wt. oz./312 g/416 mL	05416	2HCP2	<a href="#">ORDER</a>



**CFC FREE**  
ELECTRO CONTACT CLEANER



- Ideal for electronic and fine parts
- Cleans and degreases delicate precision mechanisms
- Penetrating action removes oil, grease, dirt, flux, and other contaminants
- Nonfood Compounds Program Listed Category Code: K2 #059813 (Aerosol); #059814 (Bulk)

NET CONTENTS	LPS #	GRAINGER #	ORDER
11 wt. oz./312 g/465 mL	03116	2C687	<a href="#">ORDER</a>
1 gal. (3.78 l)	03101	Special Order*	<a href="#">SPECIAL ORDER</a>
5 gal. (18.93 l)	03105	Special Order*	<a href="#">SPECIAL ORDER</a>
55 gal. (208 l)	03155**	20Y622	<a href="#">ORDER</a>

\*\*Known as CFC Free Premium Solvent

VOG COMPLIANT

VALUE PERFORMANCE "X" PRODUCT



**MICRO-X NU**  
FAST EVAPORATING  
CONTACT CLEANER



- Reduced VOCs (Volatile Organic Compounds)
- Quick penetration
- Ideal for electronic and fine parts
- Removes dirt, dust, flux and other contaminant
- Nonfood Compounds Program Listed Category Code: K2 #142149 (Aerosol)

NET CONTENTS	LPS #	GRAINGER #	ORDER
11 wt. oz./312 g/417 mL	06616	4XMF1	<a href="#">ORDER</a>



**MICRO-X**  
FAST EVAPORATING  
CONTACT CLEANER



- Quick penetration
- Does not contain HCFCs
- No rinsing
- Nonfood Compounds Program Listed Category Code: K2 #059853 (Aerosol); #059852 (Bulk)

NET CONTENTS	LPS #	GRAINGER #	ORDER
11 wt. oz./312g/466mL	04516	4JB63	<a href="#">ORDER</a>
55 gal. (208 l)	04555**	20Y623	<a href="#">ORDER</a>

\*\*Known as Micro-X Value Solvent



**ELECTRO 140°**  
CONTACT CLEANER



- Flash point above 140°F (60°C)
- Superior wetting and penetrating action
- Controlled evaporation
- Safe to use on most surfaces
- Ideal for part washers, dip tanks, and ultrasonic cleaning tanks

NET CONTENTS	LPS #	GRAINGER #	ORDER
11 wt. oz./312 g/389 mL	00916	2C642	<a href="#">ORDER</a>



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DUSTER

QB PRECISION DUSTER



NO VOC  
FAST  
NF  
NO RES  
PLASTIC SAFE

- Quick blast precision duster removes contaminants, dirt, dust, and other soils
- Excellent for use on electronics and delicate mechanisms
- Moisture free

NET CONTENTS

12 wt. oz./340 g/281 mL

LPS #

05710

GRAINGER #

Special Order\*

**SPECIAL ORDER**





TECHNICAL PROPERTIES

DI-ELECTRIC STRENGTH											
CFC FREE	NOT APPLICABLE										
CFC FREE NU	NOT APPLICABLE										
ELECTRA-X		9.0									
ELECTRO 140°			13.1								
ELECTRO CONTACT CLEANER				22.0							
K2 ELECTRONIC CLEANER	NOT APPLICABLE										
K2 NF ELECTRONIC CLEANER										47.5	
MICRO-X	NOT APPLICABLE										
MICRO-X NU	NOT APPLICABLE										
NOFLASH®		9.0									
PSC		8.5									
QB	NOT ESTABLISHED										
REVO 66										47.5	
VOC FREE			13.0								
kV (Kilovolts)		5	10	15	20	25	30	35	40	45	50

K <sub>b</sub> VALUE											
CFC FREE				31							
CFC FREE NU			26								
ELECTRA-X									80		
ELECTRO 140°					52						
ELECTRO CONTACT CLEANER	NOT ESTABLISHED										
K2 ELECTRONIC CLEANER			26								
K2 NF ELECTRONIC CLEANER						60					
MICRO-X			29								
MICRO-X NU			24								
NOFLASH®									80		
PSC	NOT ESTABLISHED										
QB	NOT ESTABLISHED										
REVO 66						60					
VOC FREE	NOT ESTABLISHED										
K <sub>b</sub>		10	20	30	40	50	60	70	80	90	100

	COMPLIANT								
	OTC	CARB	NSF® REGISTERED	CFIA*	PLASTIC SAFE	NON FLAMMABLE	NON CONDUCTIVE	FAST EVAPORATING	NO CHLORINATED SOLVENTS
CFC FREE	●	●	⚠		●			●	●
CFC FREE NU			⚠		●			●	●
ELECTRA-X	●	●					●	●	●
ELECTRO 140°					●				
ELECTRO CONTACT CLEANER	●	●			●		●	●	
K2 ELECTRONIC CLEANER	●	●	⚠					●	●
K2 NF ELECTRONIC CLEANER	●	●	⚠			●	●	●	
MICRO-X			⚠		●			●	●
MICRO-X NU	●	●	⚠		●			●	●
NOFLASH®	●	●	⚠			●		●	●
PSC	●	●	⚠		●	●	●	●	
QB	●	●			●	●		●	
REVO 66	●	●	⚠	●		●	●	●	
VOC FREE	●	●				●	●	●	

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ALUMINUM COMPLEX & CALCIUM SULFONATE

**THICKENER TYPE:** ALUMINUM COMPLEX

**THERMAPLEX® FOODLUBE BEARING GREASE**



- Ensures safety in areas where incidental food contact may occur
- High degree of water resistance
- Excellent corrosion protection
- Very good load capacity and extends lubrication intervals
- Non-staining and non-emulsifying
- Nonfood Compounds Program Listed Category Code: H1 Registration #117848
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	
14.1 oz. (400 g)	70114	38F843	<b>ORDER</b>
5 gal. (35 lbs.)	70106	20Y607	<b>ORDER</b>
16 gal. (120 lbs.)	70135	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (400 lbs.)	70155	20Y638	<b>ORDER</b>

**PROPERTIES:**

**Appearance:** White colored paste  
**Temperature Range:** >0°F (18°C) to 300°F (149°C)  
**Dropping Point:** >450°F (232°C)  
**4-Ball Weld Load:** >250 kg.  
**Timken "OK" Load:** 40 lbs.

For Base Oil Viscosity go to Grainger.com®

PACKAGED WITH: Metal Detectable Grease Cap

**THICKENER TYPE:** ALUMINUM COMPLEX

**THERMAPLEX® AQUA BEARING GREASE**



- Excellent resistance to fresh and salt water
- Resists water washout
- Good adhesion properties
- Excellent corrosion resistance
- Significant load carrying capability
- Reduces wear
- Reduces grease consumption
- Greater degree of bearing protection

NET CONTENTS	LPS #	GRAINGER #	
14.1 oz. (400 g)	70514	4UJ41	<b>ORDER</b>
5 gal. (35 lbs.)	70506	Special Order*	<b>SPECIAL ORDER</b>
16 gal. (120 lbs.)	70535	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (400 lbs.)	70555	20Y641	<b>ORDER</b>

**PROPERTIES:**

**Appearance:** Amber colored paste  
**Temperature Range:** -4°F (-20°C) to 302°F (150°C)  
**Dropping Point:** 500°F (260°C)  
**4-Ball Weld Load:** >315 kg.  
**Timken "OK" Load:** 50 lbs.

For Base Oil Viscosity go to Grainger.com®

**THICKENER TYPE:** CALCIUM SULFONATE

**THERMAPLEX® CS MOLY BEARING GREASE**



- Enhanced with molybdenum disulfide
- Reduces wear from vibration
- Prolongs bearing life
  - Outstanding extreme pressure (EP) performance
  - Superior rust and corrosion protection - Perfect score on the EMCOR rust test
  - Exceptional water resistance
- Multi-application bearing grease
- Extends relubrication intervals for bearings
- Excellent oxidation stability
- Nonfood Compounds Program Listed Category Code: H2 Registration #142214

NET CONTENTS	LPS #	GRAINGER #	
14.1 oz. (400 g)	70814	4FPW8	<b>ORDER</b>
5 gal. (35 lbs.)	70806	39F850	<b>ORDER</b>

**PROPERTIES:**

**Appearance:** Gray/Black colored paste  
**Temperature Range:** 0°F (-18°C) to 425°F (218°C)  
**Dropping Point:** 570°F (300°C)  
**4-Ball Weld Load:** >600 kg.  
**Timken "OK" Load:** 65 lbs.

For Base Oil Viscosity go to Grainger.com®



LITHIUM COMPLEX

**THICKENER TYPE:** LITHIUM COMPLEX

**THERMAPLEX® MULTI-PURPOSE BEARING GREASE**



**LO TOX** **EP** **NLGI 2**

- Long life
- Excellent load carrying properties
- Extends relubrication periods
- Prolongs bearing life
- Good corrosion resistance
- Ideal for lubricating all types of bearings
- Reduces grease consumption

NET CONTENTS	LPS #	GRAINGER #	
14.1 oz. (400 g)	70614	4UJ42	<b>ORDER</b>
5 gal. (35 lbs.)	70606	39F849	<b>ORDER</b>
16 gal. (120 lbs.)	70635	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (400 lbs.)	70655	20Y642	<b>ORDER</b>

**PROPERTIES:**

**Appearance:** Blue colored paste  
**Temperature Range:** -22°F (-30°C) to 350°F (177°C)  
**Dropping Point:** 429°F (220°C)  
**4-Ball Weld Load:** >600 kg.  
**Timken "OK" Load:** 50 lbs.

For Base Oil Viscosity go to Grainger.com®

**THICKENER TYPE:** LITHIUM COMPLEX

**THERMAPLEX® HI-TEMP BEARING GREASE**



**LO TOX** **HI TEMP** **EP**  
**NLGI 2**

- Reduces risk of bearing failure at high temperatures
- Excellent high temperature performance
- Resists carbonization at high temperatures
- Extends relubrication intervals
- Very high dropping point
- Ensures optimal production rates
- Excellent vibration resistance
- Reduces grease consumption

NET CONTENTS	LPS #	GRAINGER #	
14.1 oz. (400 g)	70214	4UJ38	<b>ORDER</b>
5 gal. (35 lbs.)	70206	39F848	<b>ORDER</b>
16 gal. (120 lbs.)	70235	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (400 lbs.)	70255	20Y639	<b>ORDER</b>

**PROPERTIES:**

**Appearance:** Brown colored paste  
**Temperature Range:** -15°F (-26°C) to 392°F (200°C)  
**Dropping Point:** 536°F (280°C)  
**4-Ball Weld Load:** >400 kg.  
**Timken "OK" Load:** 70 lbs.

For Base Oil Viscosity go to Grainger.com®

**THICKENER TYPE:** LITHIUM COMPLEX

**THERMAPLEX® HI-LOAD BEARING GREASE**



**LO TOX** **NLGI 2** **EP**

- Excellent load carrying ability
- Withstands shock loading
- Reduces wear from vibration
- Contains 3% moly
- Good corrosion resistance
- Excellent anti-wear properties
- Wide operating temperature range
- Reduces maintenance costs

NET CONTENTS	LPS #	GRAINGER #	
14.1 oz. (400 g)	70414	4UJ40	<b>ORDER</b>
5 gal. (35 lbs.)	70406	Special Order*	<b>SPECIAL ORDER</b>
16 gal. (120 lbs.)	70435	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (400 lbs.)	70455	20Y640	<b>ORDER</b>

**PROPERTIES:**

**Appearance:** Black colored paste  
**Temperature Range:** -22°F (-30°C) to 350°F (177°C)  
**Dropping Point:** 429°F (220°C)  
**4-Ball Weld Load:** >600 kg.  
**Timken "OK" Load:** 50 lbs.

For Base Oil Viscosity go to Grainger.com®



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H1 FOOD GRADE GREASE WITH DETEX™

PACKAGED WITH: Metal Detectable Plastic Aerosol Components

**THICKENER TYPE:** ALUMINUM COMPLEX

**CLEAR PENETRATING GREASE**



- High tack
- Quick penetrating action
- Resists water washout
- Temperature range: 0°F (-18°C) to 400°F (204°C)
- Protects against corrosion
- Nonfood Compounds Program Listed Category Code: H1  
Registration #143804 (Aerosol)

**NET CONTENTS**

**LPS #**

**GRAINGER #**

11 wt. oz./312 g/420 mL

06716

19C655

**ORDER**

**PROPERTIES:**

**Appearance:** Translucent

**Temperature Range:** 0°F (-18°C) to 400°F (204°C)

**Dropping Point:** 500°F (260°C)

**4-Ball Weld Load:** 126 kg.

**Wear Scar Diameter:** 0.7

For Base Oil Viscosity go to Grainger.com®



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AEROSOLS

**THICKENER TYPE:** INORGANIC (NON-MELTING)

**RED & REDI** MULTI-PURPOSE RED GREASE



**NO CHLOR SOLV**  
**HI TEMP**  
**EP**  
**NLGI 2**

- Delivers excellent non-sling lubrication
- Prevents rust, corrosion, and oxidation
- Red color allows easy visual inspection
- Remains effective at extremely high temperatures 450°F (232°C)
- Penetrates quickly
- Reduces friction and vibration

NET CONTENTS	LPS #	GRAINGER #
11 wt. oz./312 g/451 mL	05816	5YH77

**ORDER**

**PROPERTIES:**  
**Appearance:** Red  
**Temperature Range:** -22°F (-30°C) to 450°F (232°C)  
**Dropping Point:** 550°F (288°C)  
**4-Ball Weld Load:** >250 kg.  
**Timken "OK" Load:** 30 lbs.  
 For Base Oil Viscosity go to Grainger.com®

**THICKENER TYPE:** INORGANIC (NON-MELTING)

**WHITE LITHIUM** GREASE WITH PTFE



**NO CHLOR SOLV**  
**PTFE**  
**NLGI 2**

- Rapidly forms into a pure white grease that will not melt or wash away
- Provides maximum lubrication
- Rust and oxidation inhibitors protect metal
- Pure white color allows easy visual inspection
- Heat and water resistant
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #
10 wt. oz./284 g/418 mL	03816	6JHY0

**ORDER**

**PROPERTIES:**  
**Appearance:** White  
**Temperature Range:** 5°F (-15°C) to 290°F (143°C)  
**Dropping Point:** 350°F (177°C)  
**4-Ball Weld Load:** >315 kg.  
**Timken "OK" Load:** 45 lbs.  
 For Base Oil Viscosity go to Grainger.com®

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## TECHNICAL PROPERTIES

TEMPERATURE RANGE															
THERMAPLEX® CS MOLY					0°F (-18°C)									425°F (218°C)	
THERMAPLEX® MULTI-PURPOSE					-22°F (-30°C)								350°F (177°C)		
THERMAPLEX® FOODLUBE					0°F (-18°C)							300°F (149°C)			
THERMAPLEX® AQUA					-4°F (-20°C)							302°F (150°C)			
THERMAPLEX® HI-TEMP					-15°F (-26°C)								392°F (200°C)		
THERMAPLEX® HI-LOAD					-22°F (-30°C)								350°F (177°C)		
AEROSOLS															
CLEAR PENETRATING GREASE					0°F (-18°C)									400°F (204°C)	
RED & RED I					-22°F (-30°C)									450°F (232°C)	
WHITE LITHIUM					5°F (-15°C)								290°F (143°C)		
	°F	-75°	-50°	-25°	0°	50°	100°	150°	200°	250°	300°	350°	400°	450°	500°
	°C	-59°	-46°	-31°	-18°	10°	38°	65°	93°	121°	149°	177°	204°	232°	260°

TIMKEN "OK" LOAD														
THERMAPLEX® CS MOLY														65
THERMAPLEX® MULTI-PURPOSE								50						
THERMAPLEX® FOODLUBE							40							
THERMAPLEX® AQUA								50						
THERMAPLEX® HI-TEMP												70		
THERMAPLEX® HI-LOAD													50	
AEROSOLS														
CLEAR PENETRATING GREASE	NOT ESTABLISHED													
RED & RED I					30									
WHITE LITHIUM								45						
	pounds (lbs.)	10	20	30	40	50	60	70	80	90	100			

4-BALL WELD LOAD														
THERMAPLEX® CS MOLY														600
THERMAPLEX® MULTI-PURPOSE														600
THERMAPLEX® FOODLUBE					250									
THERMAPLEX® AQUA								315						
THERMAPLEX® HI-TEMP								400						
THERMAPLEX® HI-LOAD													600	
AEROSOLS														
CLEAR PENETRATING GREASE	NOT ESTABLISHED													
RED & RED I					250									
WHITE LITHIUM								315						
	kilograms (kg)	100	200	300	400	500	600	700	800	900	1000			

	GREASE COLOR	NSF® REGISTERED	CFIA*	PTFE	NON FLAMMABLE	CONTAINS MOLY	WATER RESISTANT	THICKENER TYPE					
								ALUMINUM COMPLEX	CALCIUM SULFONATE	LITHIUM COMPLEX	BENTONE CLAY		
THERMAPLEX® CS MOLY	GREY/BLACK	H2			●	●	●		●				
THERMAPLEX® MULTI-PURPOSE	BLUE				●						●		
THERMAPLEX® FOODLUBE	WHITE	H1	●		●		●	●					
THERMAPLEX® AQUA	AMBER				●		●	●					
THERMAPLEX® HI-TEMP	BROWN				●						●		
THERMAPLEX® HI-LOAD	BLACK				●	●					●		
AEROSOLS													
CLEAR PENETRATING GREASE	CLEAR	H1		●					●				
RED & RED I	RED												●
WHITE LITHIUM	WHITE		●	●							●		

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## WAX AND RESIN-BASED

## LPS 3® PREMIER RUST INHIBITOR



- Protects for up to 2 years indoors
- Prevents rust and corrosion
- Provides non-sling lubrication
- Self-healing, soft, waxy film
- Safe to use on most surfaces
- Nonfood Compounds Program Listed Category Code: H2 Registration #129027 (Aerosol); #059849 (Bulk)
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	
11 wt. oz./312 g/380 mL	00316	6Y745	<b>ORDER</b>
28 fl. oz. (828 mL) Trigger	00322	2JFD6	<b>ORDER</b>
1 gal. (3.78 L)	03128	20Y605	<b>ORDER</b>
5 gal. (18.93 L)	00305	20Y601	<b>ORDER</b>
55 gal. (208 L)	00355	20Y635	<b>ORDER</b>

## PROCYON CORROSION INHIBITOR



- Protects aluminum from salt fog for more than 2,500 hours
- Multi-year protection of metal
- Durable, hard, transparent film
- Resistant to saltwater, salt spray, moisture, acid, alkali fumes and other corrosive elements
- Wide operating temperature range
- Resists dripping and puddling during spray application
- Ready-to-use and can be applied with conventional airless or air-operated spray equipment
- Safe to use on most surfaces

NET CONTENTS	LPS #	GRAINGER #	
10 wt. oz./284 g/394 mL	04216	20Y609	<b>ORDER</b>
1 gal. (3.78 L)	04228	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 L)	04205	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (208 L)	04255	20Y637	<b>ORDER</b>

## HARDCOAT CORROSION INHIBITOR



- 1,500+ hours salt spray resistance on aluminum
- Commonly used on sides and tops of aircraft fuselages
- Resists dripping and puddling during spray application
- Durable, hard, transparent film
- Ready-to-use and can be applied with conventional airless or air-operated spray equipment
- Safe to use on most surfaces

NET CONTENTS	LPS #	GRAINGER #	
10 wt. oz./284 g/396 mL	03316	20Y610	<b>ORDER</b>
1 gal. (3.78 L)	03328	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 L)	03305	Special Order*	<b>SPECIAL ORDER</b>
55 gal. (208 L)	03355	20Y636	<b>ORDER</b>

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## ZINC-BASED

**BRIGHTCOAT COLD GALVANIZE** CORROSION INHIBITOR

- Shiny zinc coating
- Prevents rust and corrosion on all metals
- Restores hot dip galvanizing
- Dries to touch in 15 to 30 minutes
- Repairs rusted, galvanized, and welded surfaces
- Electrochemically protects bare metal
- Heat resistant, flexible coating
- Will not yellow, chalk, crack, or peel

**NET CONTENTS**

LPS #

GRAINGER #

13 wt. oz./369 g/459 mL

05916

20Y611

**ORDER****COLD GALVANIZE** CORROSION INHIBITOR

- Zinc-rich galvanized coating - Zinc Purity: 99+%
- Works like a hot-dip on ferrous metals indoors and out
- Withstands water temperature up to 212°F (100°C) and continuous dry heat up to 750°F (400°C)
- Commonly used as a flash rust preventive on welded areas
- Inhibits rust on steel under aggressive conditions
- Flexible coating will not yellow, chalk, or peel
- Electrochemically protects bare metal
- Dries in 3-5 minutes
- Acceptable for use in Canadian Food Processing Establishments

**NET CONTENTS**

LPS #

GRAINGER #

14 wt. oz./397 g/389 mL

00516

4KK70

**ORDER**

1 gal. (3.78 L)

05128

Special Order\*

**SPECIAL ORDER**





## TECHNICAL PROPERTIES

PROTECTION LONGEVITY																		
WAX AND RESIN-BASED CORROSION INHIBITORS																		
HARDCOAT	26 INDOORS																	
	3 OUTDOORS																	
LPS 3°	24 INDOORS																	
	9 OUTDOORS																	
PROCYON	INDOORS 36																	
	3 OUTDOORS																	
ZINC-BASED CORROSION INHIBITORS																		
BRIGHTCOAT COLD GALVANIZE	12 INDOORS																	
													12 OUTDOORS					
COLD GALVANIZE	INDOORS 36																	
													24 OUTDOORS					
MONTHS	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36

SALT SPRAY RESISTANCE																		
WAX AND RESIN-BASED CORROSION INHIBITORS																		
HARDCOAT	1500 HRS. ON AMS 4037 ALUMINUM PER ASTM B-117																	
LPS 3°	1500 HRS. ON AMS 4037 ALUMINUM PER ASTM B-117																	
PROCYON	2500 HRS. ON AMS 4037 ALUMINUM PER ASTM B-117																	
ZINC-BASED CORROSION INHIBITORS																		
BRIGHTCOAT COLD GALVANIZE	NOT ESTABLISHED																	
COLD GALVANIZE	2500 HRS. ON AMS 4037 ALUMINUM PER ASTM B-117																	
HOURS	200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000			

	NSF® REGISTERED	CFIA*	PRINTABLE	RESISTS HIGH TEMPERATURES	LOW ODOR	WATER RESISTANT
WAX AND RESIN-BASED CORROSION INHIBITORS						
HARDCOAT					●	●
LPS 3°	⚠	●			●	●
PROCYON					●	●
ZINC-BASED CORROSION INHIBITORS						
BRIGHTCOAT COLD GALVANIZE				●		●
COLD GALVANIZE		●	●	●		●



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DESIGNED FOR ALL METALS

**TAPMATIC® #1 GOLD CUTTING FLUID**



**NO CHLOR SOLV**

- Great for all metals including aluminum
- Increases tool life and improves surface finish
- Requires less product usage than traditional cutting fluids
- Does not contain chlorinated paraffins
- Reduces cutting torque and improves cutting efficiency
- Does not contain water, solvents, or inactive fillers
- Excellent for tapping applications

NET CONTENTS	LPS #	GRAINGER #	
11 wt. oz./312g/344 mL	40312	Special Order*	<b>SPECIAL ORDER</b>
16 fl. oz. (473 mL)	40320	2F021	<b>ORDER</b>
1 gal. (3.78 L)	40330	2F023	<b>ORDER</b>
5 gal. (18.93 L)	40340	Special Order*	<b>SPECIAL ORDER</b>

**TAPMATIC® NATURAL CUTTING FLUID**



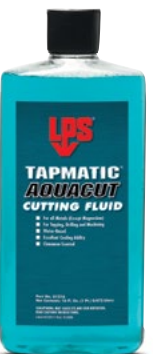
**BIO NO CHLOR SOLV LO TOX**

- Non-hazardous
- Does not irritate the skin, eyes, or respiratory tract
- Does not contain sulfur, chlorine, water, mineral oil, or inactive fillers
- Great for steel and aluminum
- High performance lubricating ability eliminates galling and seizing
- Safe on all metals

NET CONTENTS	LPS #	GRAINGER #	
16 fl. oz. (473 mL)	44220	4KK74	<b>ORDER</b>
1 gal. (3.78 L)	44230	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 L)	44240	Special Order*	<b>SPECIAL ORDER</b>

**FOR COOLING**

**TAPMATIC® AQUACUT CUTTING FLUID**



**NO CHLOR SOLV LO TOX LO ODOR**

- Water-based formula
- Excellent in applications where cooling of the tool is desired
- Non-hazardous
- Does not contain sulfur, chlorine, or oils
- Safe on all metals, except magnesium
- Corrosion inhibitors prevent flash rusting
- Provides fine finishes
- Cinnamon scent

NET CONTENTS	LPS #	GRAINGER #	
16 fl. oz. (473 mL)	01216	2C649	<b>ORDER</b>
1 gal. (3.78 L)	01228	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 L)	01205	Special Order*	<b>SPECIAL ORDER</b>



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ENGINEERED FOR ALUMINUM

**TAPMATIC® DUAL ACTION PLUS #2** CUTTING FLUID



**NO  
CHLOR  
SOLV**

- Designed especially for machining aluminum
- Provides superior extreme pressure lubricity in machining aluminum and its alloys
- Reduces friction and eliminates chip welding
- Improves surface finish and extends tool life

NET CONTENTS	LPS #	GRAINGER #	
16 fl.oz. (473 ml)	40220**	Special Order*	<b>SPECIAL ORDER</b>
1 gal. (3.78 l)	40230**	Special Order*	<b>SPECIAL ORDER</b>



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DESIGNED FOR HARD-TO-MACHINE METALS

**TAPMATIC® TRICUT** CUTTING FLUID



**EP**

- Excellent for stainless steel and other hard to machine metals
- Extends tool life
- Not recommended for aluminum
- Provides smooth, accurate cutting action
- Flows directly to cutting edge
- Improves surface finish
- Reduces friction
- Suitable for high and low speed applications
- Non-corrosive to steel

NET CONTENTS	LPS #	GRAINGER #	
16 fl.oz. (473 ml)	05316	5JG96	<b>ORDER</b>
1 gal. (3.78 l)	05328	Special Order*	<b>SPECIAL ORDER</b>



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EDGE PRODUCTS

**EXCELLENT FOR BAND SAWS**

**TAPMATIC® EDGE LUBE** CUTTING FLUID



**BIO** **LO**  
ODOR

- White, solid, waxy bar
- Excellent for belt, wheel or disc grinding, and sawing applications
- Eliminates heat build-up and belt loading
- Does not contain any hazardous chemicals
- Extends grinding wheel life
- Low toxicity

NET CONTENTS	LPS #	GRAINGER #
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13 oz. (364 g)	43200	4KK73
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**ORDER**

**ENGINEERED FOR PIPE-BENDING AND CUTTING**

**TAPMATIC® EDGE CREME** CUTTING FLUID



**BIO** **LO**  
ODOR

- Excellent for vertical applications
- Squeeze tube allows easy application
- For use when drilling, tapping blind holes, forming, bending, pre-coating fasteners, and lubricating rubber seals
- Does not contain any hazardous chemicals
- Ecological and economical
- Safe on all metals
- Can be applied to cutting tools before tapping or reaming

NET CONTENTS	LPS #	GRAINGER #
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10 fl. oz. (296 ml)	43100	4KK72
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**ORDER**

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	#1 GOLD	NATURAL	AQUACUT	TRICUT	DUAL ACTION PLUS #2	EDGE LUBE	EDGE CREME
<b>METALS</b>							
<b>NON-FERROUS METALS</b>							
ALUMINUM	•	•	•		•	•	•
FORMED ALUMINUM	•	•	•		•		
BISMUTH		•	•				
BRASS	•	•	•		•	•	•
BRONZE	•	•	•		•	•	•
CADMIUM	•		•				
CHROMIUM	•	•	•	•			
COPPER	•	•	•		•	•	•
GOLD	•	•	•		•	•	•
LEAD	•	•	•		•	•	•
MAGNESIUM	•	•					
MOLYBDENUM				•			
NICKEL				•	•		
PLATINUM	•						
SILVER	•	•	•		•	•	•
TIN	•	•	•		•	•	•
TITANIUM		•		•			
TUNGSTEN	•	•				•	•
ZINC	•		•	•		•	•
<b>FERROUS METALS</b>							
CAST IRON	•			•			
STEEL	•			•			
HIGH TENSILE STEEL	•			•			
STAINLESS STEEL				•			
<b>OTHER MATERIALS</b>							
CERAMICS							•
PLASTICS							•
<b>APPLICATION TYPES</b>							
DEEP HOLE DRILLING, BORING, GUN DRILLING	•	•	•		•		
DRILLING, MILLING, PLANING, REAMING, SHAPING, TURNING	•						
GRINDING	•		•		•	•	
HOBBIING, GEAR CUTTING & SHAPING		•					
PIPE THREADING	•						
PUNCHING & NIBBLING		•		•			•
SAWING	•					•	
SHEARING & CUTTING				•			•
STAMPING & FORMING		•		•			•
TAPPING	•	•		•			
<b>FEATURES &amp; BENEFITS</b>							
COOLING EFFECT			•				
BIODEGRADABLE		•				•	•
HIGH SPEED MACHINING			•	•			
MID SPEED MACHINING	•	•	•	•	•	•	•
LOW SPEED MACHINING	•	•			•	•	•

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SYNTHETICS

**FOODLUBE® HI-POWER** SYNTHETIC COMPRESSOR & HYDRAULIC OIL



- Fully synthetic oils engineered to give superior service life
- Offers excellent wide temperature resistance of -4°F – 212°F (-20°C – 100°C)
- Contains a unique Low Carry Over (LCO) system for optimum compressor performance
- FOODLUBE® Hi-Power oils have an optimum blend of high performance additives that provides excellent thermal stability
- Provides longer fluid service life with lower deposit, sludge, and varnish formation
- Exhibits extremely low foaming tendencies and excellent anti-wear properties that give reduced wear and longer machine life
- Ideal for use in food, pharmaceutical, and other clean environments
- Available in viscosity grades: ISO VG 32, 46, 68
- Nonfood Compounds Program Listed Category Code: H1 Registration #147249 - Hi-Power 32
- Nonfood Compounds Program Listed Category Code: H1 Registration #147250 - Hi-Power 46
- Nonfood Compounds Program Listed Category Code: H1 Registration #147251 - Hi-Power 68
- VOC compliant in all 50 states

NET CONTENTS	LPS #	GRAINGER #	
<b>FOODLUBE® HI-POWER 32</b>			
5 gal. (18.93 L)*	59205	22RR06	<a href="#">ORDER</a>
55 gal. (208 L)	59255	22RR07	<a href="#">ORDER</a>
<b>FOODLUBE® HI-POWER 46</b>			
5 gal. (18.93 L)*	59305	22RR08	<a href="#">ORDER</a>
55 gal. (208 L)	59355	22RR09	<a href="#">ORDER</a>
<b>FOODLUBE® HI-POWER 68</b>			
5 gal. (18.93 L)*	59405	22RR10	<a href="#">ORDER</a>
55 gal. (208 L)	59455	22RR11	<a href="#">ORDER</a>

**FOODLUBE® HI-TORQUE** SYNTHETIC GEAR OIL



- Fully synthetic oils engineered to give superior service life
- Engineered with SUPS to provide protection for gear teeth during start up
- Exhibits outstanding EP performance up to FZG load stage 12
- Provides a tenacious, EP film with excellent water wash off resistance and corrosion protection
- Has excellent stability resulting in extended re-lubrication intervals and reduction in lubricant usage
- Offers wide temperature resistance of -4°F – 302°F (-20°C – 150°C)
- FOODLUBE Hi-Torque 460 is ideal for high temperature chains up to 350°F (177°C)
- Available in viscosity grades: ISO VG 220, 460
- Nonfood Compounds Program Listed Category Code: H1 Registration #147247 - Hi-Torque 220
- Nonfood Compounds Program Listed Category Code: H1 Registration #147248 - Hi-Torque 460
- VOC compliant in all 50 states

NET CONTENTS	LPS #	GRAINGER #	
<b>FOODLUBE® HI-TORQUE 220</b>			
5 gal. (18.93 L)*	59005	22RR02	<a href="#">ORDER</a>
55 gal. (208 L)	59055	22RR03	<a href="#">ORDER</a>
<b>FOODLUBE® HI-TORQUE 460</b>			
5 gal. (18.93 L)*	59105	22RR04	<a href="#">ORDER</a>
55 gal. (208 L)	59155	22RR05	<a href="#">ORDER</a>

MORE POWER FLUIDS >

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NON-SYNTHETICS

**FOODLUBE® MP** HYDRAULIC OIL



- Specially formulated lubricants to provide clean, non-varnishing performance
- Ideal for use in food, pharmaceutical, and other clean environments
- Offers excellent wide temperature resistance of 10°F– 340°F (-12°C – 171°C)
- FOODLUBE® MP oils have a high performance additive package that provides excellent thermal stability
- Provides longer fluid service life with lower deposit, sludge, and varnish formation
- Exhibits extremely low foaming tendencies and excellent anti-wear properties
- Rapid water separation and excellent rust protection
- Available in viscosity grades: ISO VG 32, 46, 68
- Nonfood Compounds Program Listed Category Code: H1 Registration #147224 - MP 32
- Nonfood Compounds Program Listed Category Code: H1 Registration #147225 - MP 46
- Nonfood Compounds Program Listed Category Code: H1 Registration #147226 - MP 68
- VOC compliant in all 50 states

NET CONTENTS	LPS #	GRAINGER #
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<b>FOODLUBE® MP 32</b>			
5 gal. (18.93 l)*	59705	22RR16	<a href="#">ORDER</a>
55 gal. (208)	59755	22RR17	<a href="#">ORDER</a>
<b>FOODLUBE® MP 46</b>			
5 gal. (18.93 l)*	59805	22RR18	<a href="#">ORDER</a>
55 gal. (208)	59855	22RR19	<a href="#">ORDER</a>
<b>FOODLUBE® MP 68</b>			
5 gal. (18.93 l)*	59905	22RR20	<a href="#">ORDER</a>
55 gal. (208)	59955	22RR21	<a href="#">ORDER</a>

**FOODLUBE® GEAR** GEAR OIL



- Outstanding EP performance up to FZG load stage 12
- Provides a tenacious, EP film with excellent water wash off resistance and corrosion protection
- Excellent stability resulting in extended re-lubrication intervals and reduction in lubricant usage
- Wide temperature range of 10°F – 380°F (-12°C – 193°C)
- Exhibits non-foaming and rapid water separation characteristics
- Available in viscosity grades: ISO VG 220, 460
- Nonfood Compounds Program Listed Category Code: H1 Registration #147227 - Gear 220
- Nonfood Compounds Program Listed Category Code: H1 Registration #147228 - Gear 460
- VOC compliant in all 50 states

NET CONTENTS	LPS #	GRAINGER #
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<b>FOODLUBE® GEAR 220</b>			
5 gal. (18.93 l)*	59505	22RR12	<a href="#">ORDER</a>
55 gal. (208 l)	59555	22RR13	<a href="#">ORDER</a>
<b>FOODLUBE® GEAR 460</b>			
5 gal. (18.93 l)*	59605	22RR14	<a href="#">ORDER</a>
55 gal. (208 l)	59655	22RR15	<a href="#">ORDER</a>

◀ MORE POWER FLUIDS



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H1 FOOD GRADE SPECIALTY PRODUCTS WITH DETEX™

PACKAGED WITH: Metal Detectable Plastic Aerosol Components

**BELT DRESSING**



- Prevents belt slippage on flat, round, and V-belts
- Eliminates squeaks from slipping belts
- Water resistant
- Extends belt life and pulley bearing life
- Does not deteriorate drive belts
- May be used in wet, outdoor conditions
- Nonfood Compounds Program Listed Category Code: H1 Registration #134508 (Aerosol)
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #
10 wt. oz./284 g/445 mL	02216	19C660

**ORDER**

**DETEX™ EMPTY TRIGGER BOTTLE**



- Adjustable spray stream to ensure proper application
- Blue color for all metal and x-ray detectable plastic readily identifies it as non-food object
- Ergonomic, 3 finger trigger to reduce finger fatigue
- Durable bottle construction and chemically resistant trigger
- Metal detectable label to eliminate risk of undetected food contamination
- Label area for convenient product identification

NET CONTENTS	LPS #	GRAINGER #
28 fl. oz. (828 mL) Trigger	57928	29FX95

**ORDER**

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CABLE GEL CLEANERS

**D'GEL®** CABLE GEL SOLVENT



**NO CHLOR SOLV** **NO RES** **PLASTIC SAFE**

- Removes cable gels, icky pic, blocking compounds, flooding and filling compounds, grease, tar, and oil
- Removes petroleum, polyethylene, and silicone based gels
- Preferred by Telecom workers
- Flash point above 140°F (60°C)
- Bellcore tested for complete compatibility with Telco components
- Safe on cable insulation and components, metals, and most plastics
- No ozone depletion potential
- Rinses off with water
- The original formula, since 1986

NET CONTENTS	LPS #	GRAINGER #	
144 single towels per case	61244	20Y606	<b>ORDER</b>
32 oz. bottle (946 mL)	61232	special order*	<b>SPECIAL ORDER</b>
1 gal. (3.78 L)	61201	special order*	<b>SPECIAL ORDER</b>
55 gal. (208 L)	61255**	20Y647	<b>ORDER</b>
3 qt. bags	61296**	special order*	<b>SPECIAL ORDER</b>

**D'GEL®-FO** FIBER OPTIC CABLE GEL REMOVER



**NO CHLOR SOLV** **NO RES** **PLASTIC SAFE**

- Designed to remove cable gels, water blocks and filling compounds from fiber optic cables
- Compatible with fiber optic cable components and accessories
- Cleans all contaminants from glass fiber
- Field proven since 1989 by cable manufacturers, telephone companies, and contractors
- Evaporates completely leaving no residue
- Flash point above 140°F (60°C)
- Worker friendly
- No ozone depletion potential

NET CONTENTS	LPS #	GRAINGER #	
144 single towels per case	61200**	Special Order*	<b>SPECIAL ORDER</b>

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PULLING LUBRICANTS



**TECHLUBE®-FO**  
FIBER OPTIC CABLE  
PULLING LUBRICANT

**BIO** **NF** **PLASTIC SAFE** **LO ODOR**

- Water-based, pourable, low viscosity lubricant
- Coats evenly and clings to the cable
- Superior lubricating film
- Compatible with all types of cable jackets, inner duct, and conduit
- Coats fiber optic cables & coaxial cables
- Will not "cement" the cable to the bottom of the conduit

**NET CONTENTS**      **LPS #**      **GRAINGER #**

1 gal. (3.78 l)	61701	Special Order*	<b>SPECIAL ORDER</b>
5 gal. (18.93 l)	61705	Special Order*	<b>SPECIAL ORDER</b>

**APPLICATIONS:**

- Low density polyethylene
- Linear low density polyethylene
- Cross link polyethylene

USAGE FORMULA: (NON-METRIC, USA)

1. For plastic conduit (PVC, ABS, Polyethylene) use the following:  
 $Q = 0.0015 \times L \times D$
  2. For multiple concrete, clay tile, fiber cement, fiber filled, and wood conduit use the following:  $Q = 0.0025 \times L \times D$
- 
- Q = Amount of Techlube® FO needed in gallons.
  - L = The total length of the pull in feet.
  - D = The inside diameter of the individual conduit in inches.



**TECHLUBE®-HD**  
HEAVY-DUTY CABLE  
PULLING LUBRICANT

**BIO** **NF** **PLASTIC SAFE** **LO ODOR**

- Water-based lubricant
- Coats power cables, copper cables, and for the installation of innerduct
- Provides maximum friction reduction for difficult cable pulling applications
- Leaves a lubricating film
- Will not "cement" the cable to the conduit

**NET CONTENTS**      **LPS #**      **GRAINGER #**

5 gal. (18.93 l)	61105	Special Order*	<b>SPECIAL ORDER</b>
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**APPLICATIONS:**

- Chlorinated Polyethylene
- Cross Linked Polyethylene
- Ethylene Propylene Rubber
- High Density Polyethylene
- Hypalon
- Linear Low Density Polyethylene
- Natural Rubber
- Neoprene
- Poly Vinyl Chloride

USAGE FORMULA: (NON-METRIC, USA)

1. For plastic conduit (PVC, ABS, Polyethylene) use the following:  
 $Q = 0.0013 \times L \times D$
  2. For multiple concrete, clay tile, fiber cement, fiber filled, and wood conduit use the following:  $Q = 0.0020 \times L \times D$
- 
- Q = Amount of Techlube® HD needed in gallons.
  - L = The total length of the pull in feet.
  - D = The inside diameter of the individual conduit in inches

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MISC. SPECIALTY PRODUCTS



**WORKPLACE**  
HAND CLEANER TOWELS

**LO VOC** **NO CHLOR SOLV**

- Uniformly premoistened towel
- Superior terpene blend
- Deep cleaning, non-scratching abrasives quickly remove embedded dirt and grime
- Fast acting
- Disposable
- Eliminates the need for soap, water, and a sink
- Improves workplace productivity by reducing costly clean-up time
- Does not require water
- Easy to carry and store
- Convenient

NET CONTENTS	LPS #	GRAINGER #	
Bucket of 72 towels	09200	5YH78	<b>ORDER</b>



**ANTI-SPATTER**

**NO VOC** **NO CHLOR SOLV** **NF** **LO TOX**

- Unique water-based formula that prevents weld spatter from sticking to metal
- Oversized, E-Z Spray Nozzle is ideal when wearing welding gloves
- Does not contain silicone
- Paint compatible
- Eliminates the need for chiseling, grinding, or brushing after welding
- Acceptable for use in Canadian Food Processing Establishments

NET CONTENTS	LPS #	GRAINGER #	
13 wt. oz./369 g/369 mL	02116	5JG94	<b>ORDER</b>



**STRONG STEEL STICKS**

**HI TEMP** **EP**

- Hand-kneadable epoxy, ready-to-use stick for fast emergency repairs
- Hardens like steel in 20 minutes
- Can be machined, drilled, tapped, and painted in 30 minutes
- Plugs and seals leaks
- Permanently fill gaps and holes in metal, concrete, wood, fiberglass, and ceramics
- Patches holes and cracks in pipes, drums, and tanks
- Can be used for underwater repairs

NET CONTENTS	LPS #	GRAINGER #	
4 oz. (114 g)	60159	Special Order*	<b>SPECIAL ORDER</b>



**PREMIUM LEAK DETECTOR**

**NF** **LO TOX** **LO TEMP**

- Identifies gas and air leaks quickly
- Bubbles when exposed to gas leaks
- Meets or exceeds strict Telco performance specs
- No ethylene glycol
- Non-hazardous
- All-weather formula

NET CONTENTS	LPS #	GRAINGER #	
<b>READY-TO-USE</b> 16 fl. oz. (473 mL)	61016	Special Order*	<b>SPECIAL ORDER</b>
<b>CONCENTRATE</b> 1 gal. (3.78 L)	61006	Special Order*	<b>SPECIAL ORDER</b>



# DEFINITIONS

## DIRECT OR INCIDENTAL FOOD CONTACT

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### **H1: LUBRICANTS WITH INCIDENTAL FOOD CONTACT**

These compounds may be used 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 the 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 compounds 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.

## NO FOOD CONTACT

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### **A1: GENERAL USE CLEANER**

Compounds for use as general cleaning agents on all surfaces, or for use with steam or mechanical cleaning devices in all departments. Before using these compounds, food products and packaging materials must be removed from the room or carefully protected. After using these compounds, surfaces must be thoroughly rinsed with potable water.

### **C1: GENERAL CLEANERS WITH NO FOOD CONTACT**

Compounds for use on all surfaces in inedible food product processing areas, nonprocessing areas, and/or exterior areas.

These compounds must not be used to mask odors resulting from unsanitary conditions. They must be used in a manner which prevents penetration of any characteristic odor or fragrance into edible product areas. Compounds containing isomers of dichlorobenzene, or other substances toxic by inhalation, may be used only in areas where there is adequate ventilation to prevent accumulation of hazardous vapors.

Permission for the use of these compounds on loading docks and other similar areas is left to the discretion of the Inspectors in charge of the plants.

### **H2: LUBRICANTS WITH NO FOOD CONTACT**

These compounds may be used as a lubricant, release agent, or antirust film on equipment and machine parts or in closed systems (e.g. hydraulic systems) in locations in which there is no possibility of the lubricant or lubricated part contacting edible products.

### **K1: CLEANER AND DEGREASER FOR USE IN NON-PROCESSING AREAS**





Cleaning and/or degreasing solvents for use in non-processing areas. Following the use of these compounds, equipment and utensils must be thoroughly washed, and rinsed with potable water, before being returned to a processing area.

### **K2: SOLVENTS FOR CLEANING ELECTRONIC INSTRUMENTS**








These compounds are chemically acceptable for cleaning electronic instruments and devices which will not tolerate aqueous cleaning solutions. Before using these compounds, food products, and packaging materials must be removed from the area or carefully protected. These compounds must be used in a manner so that all odors associated with the compound are dissipated before food products or packaging materials are in the area.

# iS (eyes) - Identification System





## Packaging Icons

-  DETEX™ - Metal & X-ray detectable plastic components
-  Oversized E-Z Spray Nozzle
-  Power Blast Spray: High spray delivery application
-  Inverta Spray Valve: For hard-to-reach areas, this valve allows you to spray in upright and inverted positions

## Environmental Icons

-  A product with no VOC (Volatile Organic Compounds) content based on Federal Consumer Product Regulations
-  A product with VOC content ≤10% based on Federal Consumer Product Regulations
-  Meets California Air Resources Board (CARB) VOC regulations for consumer products
-  Meets California Air Resources Board (CARB) VOC regulations for consumer products
-  Meets 2006 Ozone Transport Commission (OTC) model rules for consumer products
-  Meets 2006 Ozone Transport Commission (OTC) model rules for consumer products
-  No hazardous air pollutants

## Product Icons

-  NSF® Nonfood Compounds Registration: NSF® is a continuation of the USDA product approval and listing program for chemical products which can be used in food plants
-  Acceptable for use in Canadian Food Processing Establishments
-  Biodegradable contents
-  No chlorinated solvents
-  Non-conductive
-  Non-flammable
-  Low toxicity
-  Product is safe to use on plastics
-  PTFE (polytetrafluoroethylene): reduces friction, wear, and energy consumption of machinery
-  Products which do not contain silicone

-  Displaces moisture
-  Product can withstand low temperatures
-  Product can withstand high temperatures
-  Product can withstand extreme pressures
-  Meets NLGI 2 (National Lubricating Grease Institute) standards
-  Meets NLGI 2 (National Lubricating Grease Institute) standards
-  Fast evaporating product
-  Product leaves no residue after use
-  Product has no odor
-  Product has very little odor

iS (eyes) color codes	
	LUBRICANTS/PENETRANTS
	INDUSTRIAL DEGREASERS
	ELECTRONIC CLEANERS
	GREASES
	CORROSION INHIBITORS
	CUTTING FLUIDS
	POWER FLUIDS
	SPECIALTY MRO PRODUCTS

8SP6141  
 For more information contact your  
 Grainger Representative or visit [Grainger.com](http://Grainger.com).

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 FOR THE ONES WHO GET IT DONE