

P R O D U C T G U I D E

JET-LUBE[®]

Industrial

Through 60 years of research, development, testing and manufacturing, Jet-Lube has developed a broad line of grease products for Industrial, MRO, Marine, Food Grade, and OEM applications: Anti-Seize Compounds, EP Greases, Thread Sealants, Lubricants, Anaerobics, Penetrants and General Purpose Lubes & Cleaners.

Every Jet-Lube product is meticulously developed, manufactured and inspected to the industry's most comprehensive and rigorous quality control standards. Jet-Lube is proud to have been ISO Certified since 1993. With manufacturing plants in Houston, Edmonton and the United Kingdom, Jet-Lube has earned its place as a world-wide leader in the lubrication industry.

Whatever your application, Jet-Lube has the right product to solve your lubrication needs. Through our experienced R&D lab, Jet-Lube has the ability to create customized products for unique conditions, environmental regulations and to meet the toughest application requirements.

Table of Contents

Anti-Seizes	2
EP Greases	6
Thread Sealants	11
Lubricants	14
Anaerobics	16
Coatings	18
Specialties	19
Cleaners	21

Industry Guide

Heavy Equipment

769 Lubricant	18
Magic Wrench Penetrant	20
550 Anti-Seize	3
No. 33 Silicone Grease	9
Gear-Guard Lubricant paste	14
EP Bearing Grease	6
Threadlockers	16

Utilities

Kopr-Kote Anti-Seize	2
769 Lubricant	18
SS-30 Anti-Seize	2
V-2 Thread Sealant	12
Rust-Guard Rust Inhibitor	18

Food Processing & Handling

White Knight Anti-Seize	4
Silicone Greases	9
Food Grade Silicone	19
FMG Food Machinery Grease	7
CC Lube Semi-Synthetic Grease	8
Magic Wrench Penetrant	20
Oven Chain Lubricant	20
769 Lubricant	18

Marine

769 Lubricant	18
Rust-Guard Rust Inhibitor	18
Jet-Lube 5000	21
Marine Grade Anti-Seize	4
Marine Moly	15
Marine MP Grease	7
Sheen Free Wire Rope Coating	14
Marine Wire Rope & Hawser Grease	14

Plant Maintenance

Kopr-Kote Anti-Seize	2
550 Anti-Seize	3
769 Lubricant	18
Magic Wrench Penetrant	20
Threadlockers	16
EP Bearing Grease	6
V-2 Thread Sealant	12
Jet-Lok II Epoxy	17
Clean-Up Cleaner/Degreaser	21

Petrochemical

550 Extreme Anti-Seize	3
Threadlockers	16
769 Lubricant	18
TFW Thread Sealant	12
Rust-Guard Rust Inhibitor	18

Construction

Jet-Lok II Epoxy	17
769 Lubricant	18
Magic Wrench Penetrant	20
550 Anti-Seize	3
Alco-EP-73 Plus Grease	7
Threadlockers	16
Moly-Mist Dry Lubricant	19

Mining/Forestry

Kopr-Kote Anti-Seize	2
#202 Moly-Lith Grease	6
769 Lubricant	18
WRL Wire Rope Lubricant	14
OG-H Open Gear Lubricant	14
Gear-Guard Lubricant Paste	14
Clean-Up II Degreaser	21
Moly-Mist Dry Lubricant	19
Threadlockers	16
Z-Plate Galvanizing Compound	18
Rust-Guard Rust Inhibitor	18
Jet-Lok II Epoxy	17

Aircraft/Aerospace/Military

V-2 Thread Sealant	12
Silicone Greases	9
Petrolatum Anti-Seize	4
769 Lubricant	18
Petro-Tape	13
Rust-Guard Rust Inhibitor	18

Railroad

MP-50 Moly Paste	15
769 Lubricant	18
Gear-Guard Lubricant	14
OG-H Open Gear Lubricant	14
Magic Wrench Penetrant	20
Moly-Mist Dry Lubricant	19
Kopr-Kote Anti-Seize	2
TFW Thread Sealant	12

Jet-Lube has been a leader in the development

and manufacturing of high quality grease products for over 60 years.

Jet-Lube is recognized by the NLGI (National Lubrication Grease Institute) as a master blender of grease products, by the ASTM for our research, test and R&D lab, and the U.S. government for our Mil-Spec test capabilities.

Jet-Lube's reputation as an industry leader has been earned in the world's harshest environments and the most demanding applications. Whether it's an OEM or MRO application, Jet-Lube has the right product for all of your industrial lubricant needs.

Anti-Seizes

The Jet-Lube, Inc. line of anti-seize compounds is a family of premium products developed to protect and lubricate metal fasteners and parts from rust, corrosion, galling and metal to metal contact. All of the Jet-Lube, Inc. anti-seize products contain the highest percentage of copper, nickel or moly flake, in an extreme temperature, chemical resistant, food grade grease base. This exclusive grease base suspends all of the components for each type of anti-seize in a uniform

configuration that allows proper particle distribution necessary to plate on the surface of the threaded part under load. This plating action of components is a key factor for reaching proper torque loads and will aid in the disassembly of the fastener without damage. This type of engineering and technology is what is behind all anti-seize products manufactured by Jet-Lube, Inc. and is what sets Jet-Lube products apart from the competition.

ASTM Specifications for Compatibility

ASTM A307	Carbon steel externally threaded standard fasteners
ASTM A449	Quenched and tempered steel bolts and studs
ASTM A354	Quenched and tempered alloy steel bolts, studs, and other fasteners
ASTM A193/A193M	Alloy steel and stainless steel bolting materials for high temp service
ASTM A320/A320M	Alloy steel and stainless steel bolting materials for high temp service
ASTM F593	Stainless steel bolts, hex cap screws, and studs for general use
ASTM F468	Nonferrous bolts, hex cap screws, and studs for general use
ASTM F468	Stainless steel bolts, hex cap screws, and studs for general use
ASTM A194/I94M	Carbon & alloy steel nuts & bolts for high pressure and high temp service
ASTM F594	Stainless steel nuts
ASTM F467	Nonferrous nuts for general use
ASTM F633	Electrodeposited coatings of zinc on iron and steel
ASTM F153	Zinc coating (hot dip) on iron and steel hardware
ASTM F695	Coatings of zinc mechanically deposited on iron and steel
ASTM F696	Coatings of cadmium mechanically deposited on iron and steel

Kopr-Kote®

Anti-Seize and Thread Lubricant

-65°F to 1800°F (-54°C to 982°C) • NSF Registered (H-2) • MIL-PRF-907E • Load Rating - 80,000 psi • Friction Coefficient (K-factor) - .15 • 10% pure metallic copper flake • No VOC • NSN #8030-01-239-8703 • Not Classified as a Marine Pollutant • DOT approval CA2004080025

KOPR-KOTE is a combination of copper flake, graphite and other extreme pressure additives, blended into a food grade grease base that helps properly distribute all the components on the surface of the fastener or the metal surface needing lubrication. This particle distribution is necessary to achieve the .15 K-Factor and aids in the break out process by reducing metal to metal contact that can cause friction, heat and damage to the threaded surface.

10061 – 6 oz. Squeeze Tube, 10055 – 1/4 lb. Brush Top,
10002 – 1/2 lb. Brush Top, 10004 – 1 lb. Brush Top, 10007 – 2 lbs. Brush Top,
10041 – 12 oz. Aerosol, 10050 – 14 oz. Cartridge, 10091 – 1 gal.,
10092 – 2.5 gal., 10093 – 5 gal.



SS-30™

Anti-Seize Thread Lubricant and Conductive Termination Compound

-65°F to 1800°F (-54°C to 982°C) • Clay Grease Thickener • MIL-PRF 903E • Load Rating - 80,000 psi • Friction Coefficient (K-Factor) - .13 • 30% Pure Copper Flake • No VOC • NSN #8030-00-180-6315 • Conductive Rating - 8kv

SS-30 is 30% high purity/refined copper flake, mixed in a high temp non-melt base grease formula that not only aids in conductivity, but will work ideally as an anti-seize compound for threaded fasteners and cable connections. SS-30 literally copper plates mated surfaces to improve conductivity or ground continuity. The same is true for threaded fasteners. The highly concentrated copper flake works as a copper plating material under load or compression to work as a dissimilar metal between surfaces, which is a key factor for an anti-seize compound to perform properly.

12555 – 1/4 lb. Brush Top, 12502 – 1/2 lb. Brush Top, 12504 – 1 lb. Brush Top,
12507 – 2 lbs. Brush Top, 12523 – 10 lbs. (1 gal.), 12513 – 25 lbs. (2.5 gal.),
12515 – 50 lbs. (5 gal.), 12524 – 150 lbs. (15 gal.), 12529 – 500 lbs. (50 gal.)



550®

Non-Metallic Petrochemical-Grade Anti-Seize and Thread Lubricant

-65°F to 2400°F (-54°C to 1316°C) • MIL-PRF 907E
• Load Rating - 50,000 psi • Friction Coefficient (K-Factor) - 0.17 • Highly Concentrated Blend of Molybdenum Disulfide & Graphite • No VOC

550® blend of molybdenum disulfide and graphite in a high temp grease carrier, makes this multi-purpose extreme pressure anti-seize lubricant especially effective under high loads and pressures up to 50,000 psi. This unique blend of inert materials makes 550 compatible with all materials where nickel & copper have compatibility related issues. Low coefficient of friction makes 550 a good choice for rough cut threads made of cast iron, black steel and specially suited for high nickel alloys as a thread lubricant.

15555 – 1/4 lb. Brush Top, 15502 – 1/2 lb. Brush Top, 15504 – 1 lb. Brush Top, 15507 – 2 lbs. Plug Top, 15523 – 10 lbs. (1 gal.), 15513 – 25 lbs. (2.5 gal.), 15515 – 50 lbs. (5 gal.), 15524 – 150 lbs. (15 gal.), 15529 – 500 lbs. (50 gal.)



550® Extreme®

Non-Metallic Petrochemical-Grade Anti-Seize and Thread Lubricant

-65°F to 2400°F (-54°C to 1316°C) • MIL-PRF 907E • Load Rating - 50,000 psi • Friction Coefficient (K-Factor) - 0.17 • Highly Concentrated Blend of Molybdenum Disulfide & Graphite • No VOC

550® EXTREME® ANTI-SEIZE COMPOUND is an enhanced formulation of our 550® product. 550® EXTREME® is the ideal product for petrochemical plant maintenance needs. Its homogeneous composition offers maximum protections against seizure and heat freeze, eases assembling and dismantling, and saves man hours. It assures protection against rust, oxidation, and corrosion. It will not harden, evaporate, or settle out; and it requires no thinning. In addition to molybdenum disulfide (MoS₂), graphite, and low friction fillers, 550® EXTREME® utilizes a new generation complex base grease that is fortified with effective rust and corrosion inhibitors and inherent anti-wear properties. As an added benefit of 550® EXTREME® when compared to other Anti-Seize compounds containing greater than 40% molybdenum disulfide is the coefficient friction of 550® EXTREME® is less sensitive to temperature.

47161 – 6 oz. Squeeze Tube, 47102 – 1/2 lb. Brush Top, 47104 – 1 lb. Brush Top



Nikal®

Pure-Nickel Extreme Temp Anti-Seize and Thread Lubricant

-65°F to 2600°F (-54°C to 1427°C) • MIL-PRF 903E • Load Rating - <100,000 psi • Friction Coefficient (K-Factor) - .15 • 20% Pure Nickel Flake • No VOC

NIKAL, a Graphite Free, Pure-Nickel formula, is an inert anti-seize specially formulated where ammonia acetylene or vinyl monomers are present. NIKAL will not contaminate catalyst beds. This blend contains flake particles of pure Nickel and other additives blended in a high temp complex grease carrier found to enhance anti-seize performance. This formula is recommended for use when applications prohibit the use of copper products.

13661 – 6 oz. Squeeze Tube, 13655 – 1/4 lb. Brush Top, 13602 – 1/2 lb. Brush Top, 13604 – 1 lb. Brush Top, 13623 – 8 lbs. (1 gal.), 13613 – 20 lbs. (2.5 gal.), 13615 – 40 lbs. (5 gal.), 13624 – 120 lbs. (15 gal.), 13629 – 400 lbs. (50 gal.)



Nikal® Nuclear Grade

Pure-Nickel Extreme Temp Anti-Seize and Thread Lubricant

-65°F to 2600°F (-54°C to 1427°C) • Synthetic Grease Thickener • MIL-PRF 907E • Load Rating - <100,000 psi • Friction Coefficient (K-Factor) - .15 • 20% Pure Nickel Flake • No VOC

NIKAL-NUCLEAR is specially tested and certified pure for use in nuclear power plants and for applications where a class 1, 2 or 3 non-wetted application for auxiliary equipment in nuclear and fossil power plants is required. Certified test results are provided with each production lot of product. Each lot is tested for contaminants of sulfur, halogens and low-melt components, which is required by NRC.

13555 – 1/4 lb. Brush Top, 13502 – 1/2 lb. Brush Top, 13504 – 1 lb. Brush Top



Nuclear-Nonmetallic

Nonmetallic Anti-Seize and Thread Lubricant

-65°F to 2400°F (-54°C to 1316°C) • MIL-PRF 907E
• Load Rating - >100,000 psi • Friction Coefficient (K-Factor) - 60,000 psi • No Metallic Content • No VOC

NUCLEAR NONMETALLIC is a specially formulated version of the traditional Nickel Grade Nuclear material that will not contaminate reactor catalysts beds or cause galling on reactor rod ends. Each production lot has certified test results provided for material traceability and for purity. Formulated for all 1, 2 and 3 non-wetted applications found in nuclear power plants and fossil fuel plants. This formulation is engineered for high nickel alloys, carbon steel fasteners and is nonconductive.

14902 – 1/2 lb. Brush Top, 14904 – 1 lb. Brush Top



Silver Plus Regular

Regular Grade Anti-Seize and Thread Lubricant

-65°F to 1800°F (-54°C to 982°C) • MIL-PRF 907E • Friction Coefficient (K-Factor) - .15 • 15% Pure Metallic Content (Copper & Aluminum) • No VOC

SILVER PLUS REGULAR is a Heavy Duty Blend of aluminum, copper and graphite lubricants in a petroleum grease base. It is a non-drying, soft-set anti-seize, specially formulated to work with aluminum, carbon steel, black iron and rough cut threads. SILVER PLUS REGULAR protects metal parts from rust corrosion, seizing and galling up to 1800°F (982°C). The micro-sized particles produce a smooth consistency and allow it to quickly coat fine threads and small and large diameter fasteners. The metallic components make it very conductive and, because the primary anti-seize particle is aluminum, it eliminates the potential for galvanic corrosion.

69902 – 1/2 lb. Brush Top, 69904 – 1 lb. Brush Top, 69923 – 8 lbs. (1 gal.), 69916 – 40 lbs. (5 gal.)



Anti-Seizes

Marine Grade Anti-Seize

Anti-Seize Thread Lubricant and Corrosion Inhibitor

-65°F to 1800°F (-54°C to 982°C) • MIL-PRF 907E • Load Rating - 80,000 psi • Friction Coefficient (K-Factor) - .15 • 3% Pure Metallic Copper Flake • No VOC • Not Classified as a Marine Pollutant

MARINE GRADE ANTI-SEIZE contains micro-sized copper flake and graphite in a highly water-resistant complex base grease specially formulated for marine environments. Antioxidants and corrosion inhibitors ensure extra protection in extreme marine conditions; this unique product prevents rust, galling and galvanic corrosion in salt water environments and wherever high moisture is present.

49702 – 1/2 lb. Brush Top, 49704 – 1 lb. Brush Top



ECF - Environmental Compound Formula

Non-Metallic Petrochemical-Grade Anti-Seize and Thread Lubricant

-65°F to 2600°F (-54°C to 1427°C) • NSF Registered H-2 (No. 139876) • MIL-PRF 907E • Load Rating - 80,000 psi • Friction Coefficient (K-Factor) - .15 • No Metallic Content • No VOC • Not Classified as a Marine Pollutant

ECF is a special non-metallic compound containing chemically inert fibers in a biodegradable base grease carrier. This unique combination of environmentally acceptable materials gives a wide temperature range, superior adhesion to steel surfaces and the ability to withstand exposure to high salt and high humidity environments. This combination of materials makes ECF outperform all other products for applications where high nickel alloys are present, in extreme chemical exposure and corrosive environments, when long term protection is required for flange bolts and any surfaces needing protection against the elements.

FROM AN ENVIRONMENTAL STANDPOINT:

ECF is biodegradable, non-bioaccumulation and non-toxic to all kinds of life forms. ECF will not have any HSE (Health Safety & Environment) related issues. There are no VOC (Volatile Organic Components) related issues or DOT (Department of Transportation) related concerns.

Product Advantages

- Contains no metals
- Excellent performance on high chrome or nickel alloys
- Excellent protection against corrosion
- Sticks to all metal surfaces
- Nonconductive

28902 – 1/2 pt. Brush Top, 28904 – 1 pt. Brush Top, 28907 – 1 qt. Plug Top, 28923 – 1 gal. Pail, 28912 – 2 gal. Pail, 28915 – 5 gal. Pail



White Knight™

Food Grade Anti-Seize Thread Lubricant

-65°F to 1800°F (-54°C to 982°C) • Color/ Appearance - White • NSF Registered (H-1) • FDA REG: CFR 21 part 178.3570 • MIL-PRF 907E • Load Rating - 80,000 psi • No Metallic Content

WHITE KNIGHT is a non-drying, synthetic fortified thread lubricant. Protects and lubricates metal parts and threaded fasteners from rust and corrosion up to 1800°F (982°C). WHITE KNIGHT incorporates the bacterial fungi static agent propyl paraben which is widely used in the food lubricant industry.

Use on threaded fasteners for food processing equipment, threaded bottle filling heads, and baking oven chain drives. Effective on stainless steel, aluminum, iron galvanized fittings and plastic/nylon components.

16402 – 1/2 lb. Brush Top, 16404 – 1 lb. Brush Top, 16423 – 1 gal., 16412 – 2 gal., 16415 – 5 gal., 16429 – 50 gal.



Moly Petrolatum

-65°F to 800°F (-54°C to 427°C) • MIL-T-83483B • NSN #8030-00-087-8630 • Friction Factor (K-Factor) - 0.13 • Prevents Galvanic Corrosion

The intended use of MOLY PETROLATUM compound is to prevent seizing during assembly and disassembly of threaded fasteners and fittings at temperatures below 800°F and to meet and exceed the requirements of military specification MIL-T-83483B for aircraft assembly facilities. It is also intended to provide corrosion protection for metal surfaces.

26203 – 1 lb. Plug Top



Graphite Petrolatum

-65°F to 900°F (-54°C to 482°C) • Mil-T-5544C • NATO Stock No. 9150-99-910-0528 • NSN #8030-01-5034 • Friction Factor (K-Factor) - 0.13 • Prevents Galvanic Corrosion

GRAPHITE PETROLATUM is manufactured to conform to the requirements of military specification AMS-2518 (formerly MIL-T-5544C). This anti-seize is particularly suitable for use in contact with austenitic stainless steel, titanium, nickel and cobalt alloys. GRAPHITE PETROLATUM can be used to prevent seizing during assembly or disassembly of aircraft engine spark plugs and threaded fasteners and fittings.

27203 – 500 gm. Plug Top



Zinc Dust Petrolatum

-65°F to 788°F (-54°C to 420°C) • MIL-A-A59313 (Formerly MIL-T-22361) • NSN #8030-00-292-1102 • Friction Factor (K-Factor) - 0.13 • Prevents Galvanic Corrosion

ZINC DUST PETROLATUM is manufactured to conform to the requirements of military specification CID A-A-59313. The intended use of this compound is to prevent seizing during assembly or disassembly of threaded components fabricated from aluminum or its alloys. It is also intended to provide corrosion protection for metal surfaces. A thin coating is all that is required to prevent seizing.

27002 – 1/2 lb. Brush Top, 27003 – 1 lb. Plug Top



Anti-Seize Compounds

Product	Specifications	Temp Range	K-Factor	NSF	Marine Grade	Recommended ASTM Specs	Features
Kopr-Kote	Exceeds MIL-PRF-907E	-65°F to 1800°F -54°C to 982°C	0.15	H-2		A307, A354, A193/A193M, A320/A320M, AF468, A563, F467	Ideal for high temp, stress and load applications. Not recommended for aluminum fittings and fasteners
550	Exceeds MIL-PRF-907E	-65°F to 2400°F -54°C to 1316°C	0.17			A307, A449, A193/A193M, A320/A320M, F593, Ax563, A194/A194M, F594, F467, A153, B690, B696	General purpose water resistant lubricant for use on steel, aluminum & cast iron
550 Extreme	Exceeds MIL-PRF-907E	-65°F to 2400°F -54°C to 1316°C	0.17			A307, A449, A193/A193M, A320/A320M, F593, Ax563, A194/A194M, F594, F467, A153, B690, B696	Enhanced formulation of 550 to better enable assembly and dismantling of threaded connections. General purpose water resistant lubricant for use on steel, aluminum & cast iron.
SS-30	Exceeds MIL-PRF-907E	-65°F to 1800°F -54°C to 982°C	0.13			A307, A354, A193/A193M, A320/A320M, F468, A563, F467	Designed for stainless steel applications in high temp environments (above 500°F)
Silver Plus	Exceeds MIL-PRF-907E	-65°F to 1800°F -54°C to 982°C	0.08			A307, A354, A193/A193M, A320/A320M, F468, A563, F467	Micro-sized particles allow it to quickly and easily coat fine-threaded, small & large diameter fasteners
ECF		-65°F to 2600°F -54°C to 1427°C	0.15				Superior adhesion to wet steel surfaces and resistant to water wash off
Nikal	Exceeds MIL-PRF-907E	-65°F to 2600°F -54°C to 1427°C	.15			A193/A193M, A563, A194/A194M, B633, A153, B696	Used whenever ammonia, acetylene or vinyl monomers are present. Will not contaminate catalyst beds
Nikal Nuclear		-65°F to 2600°F -54°C to 1427°C	.15				Specially tested and certified pure for nuclear power plants. Certified test results are provided with each production lot of product.
Nuclear Nonmetallic	Exceeds MIL-PRF-907E	-65°F to 2400°F -54°C to 1316°C	0.17				Nonmetallic formula. Specially certified pure for nuclear power plants. Certified test results are provided with each production lot of product.
Moly Petrolatum		-65°F to 800°F -54°C to 427°C	0.18				Contains MoS2 for high-temp applications
Graphite Petrolatum	AMS-2518 (Formerly MIL-T-5544C)	-65°F to 900°F -54°C to 482°C	0.13				Particularly suitable for contact with austenitic steels, titanium, nickel & cobalt alloys, and similar corrosion-resistant metals & alloys
Zinc Dust Petrolatum	MIL-T-22361	-65°F to 800°F -54°C to 427°C	0.13				Prevents seizing of threaded components made from aluminum and its alloys
White Knight	MIL-PRF-907 FDA CFR21, Part 178.3570	-65°F to 1800°F -54°C to 982°C	0.15	HI NSF 61			Ideal for incident food contact applications
Marine Grade Anti-Seize		-65°F to 1800°F -54°C to 982°C	0.15		Yes		Extra protection in extreme and adverse marine conditions

Lithium

EP Bearing Grease™

Industrial Grade

0°F to 325°F (-18°C to 163°C) • Superior rust and corrosion protection • Dropping point - 390°F (199°C) • Lithium 12-hydroxystearate base • Color - Purple • Highly adhesive to metal • NLGI Grade 2

EP BEARING GREASE is an all-purpose lithium grease containing extreme-pressure and boundary lubricants. The additive package enhances the shear stability, lubrication properties and high temperature characteristics of lithium-based grease, making EP BEARING GREASE a versatile, cost-efficient, multipurpose grease.

EP BEARING GREASE is water resistant, highly tenacious, and has excellent resistance to the effects of salt spray, heat, water, oxidation, high loads and other adverse conditions common to industrial usage. It is a stable, high-temperature grease.

Specially formulated for use on roller bearings, anti-friction bearings, journals, and is particularly useful where a single, multipurpose product is desirable.

30350 – 14 oz. Cartridge, 30305 – 1 lb. Can, 30316 – 35 lbs. (5 gal.), 30324 – 120 lbs. (15 gal.), 30329 – 400 lbs. (50 gal.)



#202 Moly-Lith™

Multipurpose Grease with Moly

0°F to 300°F (-18°C to 149°C) • NLGI Grade 2 • Contains Molybdenum Disulfide (MoS₂) for friction reduction and high load capacity • Superior metal adhesion • Pumpable • Resistant to water, heat, weathering and oxidation • Color - Black

#202 MOLY-LITH is a high temperature, lithium 12-hydroxystearate soap grease containing micro-fine molybdenum disulfide (MoS₂). #202 MOLY-LITH has a dropping point of 390°F (199°C), is water resistant and displays excellent work stability under high loads, high speeds, shock and vibration.

#202 MOLY-LITH has exceptional resistance to the effects of heat, water, weathering, oxidation and heavy loads. It contains rust, corrosion and oxidation inhibitors. #202 MOLY-LITH gives unbeatable protection anywhere that dirt, dust, high humidity, rain and adverse temperatures are critical problems.

#202 MOLY-LITH is recommended for automotive and industrial applications, including all grease fittings where semi-solid or plastic consistency grease is normally used. Also for use in grease cups, pre-sealed bearings and for general chassis lubrication.

33062 – 10 oz. Squeeze Tube, 33050 – 14 oz. Cartridge, 33005 – 1 lb. Can, 33006 – 5 lbs. Can, 33016 – 35 lbs. (5 gal.), 33024 – 120 lbs. (15 gal.), 33029 – 400 lbs. (50 gal.)



Jet-Plex-EP™

Premium Multipurpose Grease

0°F to 425°F (-18°C to 232°C) • Will not run or pound out • Pumpable hot or cold • Extremely resistant to rust and oxidation • Color - Red • Available in NLGI 1 and NLGI 2 grades

JET-PLEX-EP is the ideal multipurpose grease for use in extreme pressure and high temperature operating conditions. JET-PLEX-EP is manufactured from carefully selected petroleum oils and lithium complex soap to create a multipurpose grease with a dropping point of 550°F (288°C). JET-PLEX-EP has excellent resistance to water and water washout. JET-PLEX-EP is formulated with special lubricity, anti-wear, and extreme pressure additives and fortified with rust, corrosion and oxidation inhibitors.

JET-PLEX-EP is recommended for all types of bearing and sliding applications, for shock-loading, pounding, rough chassis usage and high loads.

31750 – 14 oz. Cartridge, 31705 – 1 lb. Can, 31706 – 5 lbs. Can, 31716 – 35 lbs. (5 gal.), 31724 – 120 lbs. (15 gal.), 31729 – 400 lbs. (50 gal.)



CB-2™ Super-Lith

Multipurpose Grease

0°F to 300°F (-18°C to 149°C) • Protects against rust and corrosion • Pumpable • Highly adhesive to metal • Resistant to heat, water, oxidation & heavy loads • High film strength • Color - Amber • Available in various NLGI grades

CB-2 SUPER-LITH is an all-purpose, high temperature, lithium 12-hydroxystearate soap grease. Its buttery consistency makes it highly adhesive to metal and it has exceptional mechanical stability.

CB-2 SUPER-LITH is specifically formulated for use on fast running bearings, anti-friction bearings, journals and all general greasing applications where a single, multipurpose product is desired for economy, simplification of inventory and greasing equipment. CB-2 SUPER-LITH may be used on fans, blowers, pumps, conveyor bearings, drive trains, ball bearings, journal bearings, roller bearings, screw jacks, universal joints and all other lubrication points having sliding or rolling friction that require a multipurpose grease. This product can be used on oil drilling rigs, on construction and road building equipment, in mining and ship building activities, or wherever an exceptionally high-quality lubricant is needed.

31050 – 14 oz. Cartridge, 31005 – 1 lb., 31006 – 5 lbs., 31016 – 35 lbs. (5 gal.), 31024 – 120 lbs. (15 gal.), 31029 – 400 lbs. (50 gal.)



White Lithium Grease

Premium Grease with PTFE

0°F to 450°F (-18°C to 232°C) • NSF rated H2 • Color - White • Water Resistant • Prevents Rust and Corrosion • Pumpable • Resists Heat and Oxidation

WHITE LITHIUM GREASE with PTFE is a premium, all-purpose grease that provides superior performance and protection for metal and moving parts for any application.

WHITE LITHIUM GREASE with PTFE penetrates and forms a long-lasting protective film to withstand heavy loads and high speeds, prevents rust and corrosion, eliminates squeaks and squeals and will not run or wash away. WHITE LITHIUM GREASE with PTFE is excellent for all metal-to-metal lubrication.

Industrial – machinery, tools, overhead garage door channels, fan motors, slides, gears, etc.

Marine – cables, couplings, gears, hitches, winches, etc.

Automotive – hinges, electric antennas, latches, springs, coils, etc.

Residential – implements, door channels, slides, locks, etc.

Food Service – all areas without direct food contact.

50362 – 10 oz. Squeeze Tube, 50350 – 14 oz. Cartridge, 50305 – 1 lb. Can, 50306 – 5 lbs. Can, 50341 – 13 oz. Aerosol, 50316 – 35 lbs. (5 gal.), 50324 – 120 lbs. (15 gal.), 50329 – 400 lbs. (50 gal.)



EP White Grease

Construction Grade Lithium Grease

0°F to 325°F (-18°C to 163°C) • Color - White • Nonstaining • High Temperature • Water Resistant • Anti-Corrosive • Nondrying

EP WHITE GREASE is especially designed to meet the ever increasing requirements for high film strength, higher operating temperatures, greater stability and longer lubricant life.

EP WHITE GREASE is a shear stable, noncorrosive, extreme pressure, water resistant lubricant for both plain and anti-friction bearings, gears, cams and slides. EP WHITE GREASE is excellent for concrete assembly. The non-staining formula is recommended for expansion joints and construction applications. EP WHITE GREASE is also highly recommended as a bearing lubricant for electrical motors, spindles and other mechanical devices when low torque, high speeds and long life are essential.

EP WHITE GREASE was specifically designed to be one lubricant to take care of wheel bearings, chassis points, ball joints, slides, rollers, small gears, hinges, overhead tracks, construction equipment, mining, logging, marine and a variety of industrial applications.

64050 – 14 oz. Cartridge, 64016 – 35 lbs. (5 gal.), 64024 – 120 lbs. (15 gal.), 64029 – 400 lbs. (50 gal.)



Marine MP

Multipurpose Grease

0°F (-18°C) to 325°F (163°C) • Water Resistant • Color – Purple • EP Package

MARINE-MP is a mixed soap (calcium-lithium) grease that is ideal for a multitude of “on-board” applications where both economy and performance are important. This smooth, buttery grease has an operating temperature range of 0°F to 325°F to provide “single grease” use for a variety of applications.

MARINE-MP is water resistant, highly tenacious and has excellent resistance to the effects of salt spray, heat, water, oxidation and other adverse conditions common to marine usage. As a result, this product will lower maintenance costs and simplify inventory while providing excellent performance.

Ideal applications include pivot pins, plain bearings, anchor cables, anti-friction bearings and hoist line.

63050 – 14 oz. Cartridge, 63016 – 35 lbs. (5 gal.), 63024 – 120 lbs. (15 gal.), 63029 – 400 lbs. (50 gal.)



Aluminum Complex

Alco-EP-73 Plus™

Premium Multipurpose Grease

-25°F to 450°F (-32°C to 232°C) • Superior rust and corrosion protection • Dropping point - 500°F (260°C) • Polymer additives for extreme water resistance • Color - Red • Exceeds Military spec MIL-G-18458B-SH

ALCO-EP-73 PLUS is a premium, state of the art, multipurpose aluminum complex grease containing a highly synergistic blend of rust and oxidation inhibitors plus extreme pressure and anti-wear additives for maximum performance characteristics. ALCO-EP-73 PLUS also contains polymer additives further enhancing the inherent water resistance of an aluminum complex based grease. ALCO-EP-73 PLUS is extremely resistant to rust and corrosion and ideally suited for use in high moisture areas.

Specially formulated and developed for subsea or other conditions where extreme water resistance is necessary. The highly developed additive package makes ALCO-EP-73 PLUS the premier, multipurpose grease for hostile environments.

37762 – 10 oz. Squeeze Tube, 37750 – 14 oz. Cartridge, 37716 – 35 lbs. (5 gal.), 37724 – 120 lbs. (15 gal.), 37729 – 400 lbs. (50 gal.)



Alco-EP™

Premium Multipurpose Grease with Moly

-25°F to 450°F (-32°C to 232°C) • Protects against rust and corrosion • Dropping Point - 500°F (260°C) • Protects against extreme pressure, shock load, welding and scoring • Forms a protective barrier to reduce wear and extend service life.

ALCO-EP premium multipurpose grease is a versatile, aluminum complex grease with a high level of rust and oxidation inhibitors, as well as CZ-EX®, Jet-Lube's extreme pressure additive. ALCO-EP also contains molybdenum disulfide (MoS₂) and graphite, which plate out to resist metal-to-metal contact. ALCO-EP provides superior wear protection against extreme pressure and is highly water resistant. Its 60 pound rating in the Timken load test proves ALCO-EP has excellent load-carrying ability.

ALCO-EP is designed for friction and anti-friction bearings, bushings, chassis points, U-joints, pivot pins, and a wide range of other industrial, fleet and equipment applications.

37050 – 14 oz. Cartridge, 37005 – 1 lb. Can, 37006 – 5 lbs. Can, 37016 – 35 lbs. (5 gal.), 37024 – 120 lbs. (15 gal.), 37029 – 400 lbs. (50 gal.)



FMG

Food Machinery Grease

0°F (-18°C) to over 400°F (204°C) • NSF rated HI • Non-pound out formula • Bacteriostatic Agent • Anti-wear additives • Color – White

FMG is specifically designed for use in the food processing industry where it may have incidental food contact. FMG has been formulated to perform in a wide variety of operating conditions. It is extremely water resistant and will remain in place even after frequent wash downs. Polymer additives provide adhesive/cohesive strength to protect against pound-off when shock loads are encountered. For slower speeds, higher loads or greater adhesion and water resistance, FMG is also available in an ISO 460 grade.

FMG is recommended for the lubrication of roller, needle, ball, journal, and sliding bearings in the food processing and handling industry.

30150 – 14 oz. Cartridge, 30116 – 35 lbs. (5 gal.), 30124 – 120 lbs. (15 gal.), 30129 – 400 lbs. (50 gal.)



Aluminum Complex

Kiln Grease HT™

Extreme-Service Grease with PTFE

0°F to 500°F (-18°C to 260°C) • Extremely resistant to heat & oxidation • Superior water resistance • Excellent shear stability - will not run or pound out • Resists wear • Dropping Point >540°F (260°C) • Protects against high loads, shock, welding and scoring • Color - Green

KILN GREASE HT is a premium lubricant formulated using a high viscosity, severely refined base oil. This grease is ideal for use in kiln bearings, steel mills, pulp and paper mills, or in any severe service application where temperature, water washout and contamination, extreme loads or a combination of these factors are present.

For grease lubricated roll neck bearings on blooming, billet, slabbing, bar, plate and other mills in the steel industry. Ideal for low speed, plain bearing and sliding surface applications operating under marginal or boundary lubrication conditions; as well as backup or work-roll and table bearings and ball, roller and plain bearings. Also excellent for high temperature applications such as oven fan motor bearings, furnace car wheel bearings, annealing furnaces, drying ovens, sintering plants, kilns and soaking pits. Exceptional for use in paper mill bearings operating under wet and/or hot conditions.

75150 – 14 oz. Cartridge, 75116 – 35 lbs. (5 gal.), 75124 – 120 lbs. (15 gal.), 75129 – 400 lbs. (50 gal.)



CC Lube

Semi-Synthetic Multipurpose Lubricant

0°F (-18°C) to 400°F (204°C) • NSF rated HI • Color - Clear • Contains PTFE • Biodegradable • Extremely Water Resistant • Nontoxic • Nonstaining • Colorless & Odorless

CC LUBE is a state-of-the-art, semi-synthetic, multipurpose lubricant that combines an aluminum complex thickener for extreme water resistance with the latest synthetic ingredients and PTFE to create a totally transparent, long-lasting, high lubricity lubricant with unequalled quality and performance.

CC LUBE is clear, clean, colorless, nonstaining, nondrying, biodegradable and unsurpassed in reducing friction, extending machine and equipment life and preventing the formation of rust and corrosion over a broad temperature range.

May be safely used on a variety of food processing equipment. CC LUBE is designed to eliminate hot water washout and has anti-bacterial additives to eliminate bacterial culturing. It may be used safely on a variety of surfaces including metal, plastic, rubber, vinyl, stainless steel and nylon. CC LUBE is an ideal lubricant for roller, pillow block, needle and plain bearings that are used in cooking, processing and packaging of food products. It is a clear lubricant and will not stain cotton, polyester or Mylar fabrics.

70562 – 10 oz. Squeeze Tube, 70550 – 14 oz. Cartridge, 70523 – 5 lbs. (1 gal.), 70516 – 35 lbs. (5 gal.), 70524 – 120 lbs. (15 gal.), 70529 – 400 lbs. (50 gal.)



Bentone

AP-1™ Non-Melt

High-Temp Amber Grease

0°F to 550°F (-18°C to 288°C) • Protects against rust and corrosion • Prevents wear • Highly adhesive to metal • Resistant to water • Superior storage life • Color - Clear Amber

AP-1 NON-MELT is noted for its high temperature insensitivity, is non-melting and does not thicken excessively at temperatures as low as 0°F (-18°C). It has mechanical stability, is water resistant, has excellent adhesion to metals, prevents wear and has superior storage life. AP-1 contains oxidation inhibitors, corrosion inhibitors and metal deactivators. It offers positive protection for extreme services, which require heavy duty lubricant performance.

AP-1 NON-MELT is recommended for anti-friction bearings, ball and roller bearings, sleeve bearings, journals, shackles, slides, conveyor chains, U-joints, sealed assemblies, chassis and general lubrication. AP-1 NON-MELT is ideal for general purpose lubrication of plain and anti-friction bearings such as bearings in cookers, oven chain drives, forges, hot air blowers and dryers.

31550 – 14 oz. Cartridge, 31505 – 1 lb. Can, 31506 – 5 lbs. Can, 31516 – 35 lbs. (5 gal.), 31524 – 120 lbs. (15 gal.), 31529 – 400 lbs. (50 gal.)



AP-1W™ Non-Melt

High-Temp White Grease

-20°F to 550°F (-29°C to 288°C) • Protects against rust and corrosion • Prevents wear • Highly adhesive to metal • Resistant to water • Superior storage life • Color - Off White

AP-1W NON-MELT is noted for its high temperature insensitivity, is non-melting and does not thicken excessively at temperatures as low as 0°F (-18°C). It has mechanical stability, is water resistant, has excellent adhesion to metals, prevents wear and has superior storage life. AP-1W NON-MELT contains oxidation inhibitors, corrosion inhibitors and metal deactivators. It offers positive protection for extreme services, which require heavy duty lubricant performance.

AP-1W NON-MELT is recommended for anti-friction bearings, ball and roller bearings, sleeve bearings, journals, shackles, slides, conveyor chains, U-joints, sealed assemblies, chassis and general lubrication. Used for instrument assembly, household appliances, automobile door hinges, locks, brake assemblies, window actuators and wherever white grease is preferred and dark grease would be objectionable.

31650 – 14 oz. Cartridge, 31605 – 1 lb. Can, 31606 – 5 lbs. Can, 31616 – 35 lbs. (5 gal.), 31624 – 120 lbs. (15 gal.), 31629 – 400 lbs. (50 gal.)



AP-5™ Non-Melt

High-Temp Black Grease

-20°F to 550°F (-29°C to 288°C) • Protects against rust and corrosion • Prevents wear • Highly adhesive to metal • Resistant to water • Superior storage life • Color - Black

AP-5 NON-MELT is noted for its high temperature insensitivity, is non-melting and does not thicken excessively at temperatures as low as 0°F (-18°C). It has mechanical stability, is water resistant, has excellent adhesion to metals, prevents wear and has superior storage life. AP-5 NON-MELT contains oxidation inhibitors, corrosion inhibitors and metal deactivators. It offers positive protection for extreme services, which require heavy duty lubricant performance.

AP-5 NON-MELT is recommended for anti-friction bearings, ball and roller bearings, sleeve bearings, journals, shackles, slides, conveyor chains, U-joints, sealed assemblies, chassis and general lubrication. It contains molybdenum disulfide (MoS₂) to yield high film strength with a low coefficient of friction. Resists fretting corrosion. Suitable for use in plain and anti-friction ball and roller bearings. Provides heavy duty protection for such industry equipment as kiln bearings, crushers, crane ladles, press and hammer guides and lift-bridge pin bearings. AP-5 NON-MELT is especially recommended for lubrication points prone to neglect such as motors, high temperature blowers, fans and oven conveyors.

25050 – 14 oz. Cartridge, 25005 – 1 lb. Can, 25006 – 5 lbs. Can, 25016 – 35 lbs. (5 gal), 25024 – 120 lbs. (15 gal), 25029 – 400 lbs. (50 gal)



Silicone

Silicone DM™

Dielectric Grease

Direct comparison to Dow Corning® III Compound. A trademark of Dow Corning Corporation, USA • NSF H-1 Registered #132224 (DM-3), #132225 (DM-2) • Water resistant • Nontoxic/Safe • Wide temperature range • Extremely chemical resistant • Translucent paste • Highly resistant to oxidation and shear breakdown • Suitable for valve lubrication • Dielectric strength - 500 volts/mil typical • Conforms to: MIL-S-8660C (DM-3), MIL-C-21567A (DM-2), NATO Code #S-736 • Standard NLGI 3

SILICONE COMPOUND DM is a premium silicone compound for use in a wide variety of applications. Its low volatility, non-melting thickener and high dielectric strength make it the compound of choice for moisture proofing ignition systems, spark plug connections, electrical assemblies, cable and battery terminals and other similar applications. In the higher NLGI grades, SILICONE COMPOUND DM provides excellent lubrication and sealing properties for plug and gate valves, stuffing boxes, o-rings, vacuum and pressure systems. The low volatility and inert properties allow it to be used on a wide range of elastomers and plastics. It is not recommended for use on surfaces to be painted. Excellent for high temperature bearings, conveyor systems, and low-temp refrigeration systems.

73550 – 14 oz. Cartridge, 73560 – 5 oz. Squeeze Tube, 73505 – 1 lb. Can, 73506 – 5 lbs. Can, 73516 – 35 lbs. (5 gal), 73524 – 120 lbs. (15 gal), 73529 – 400 lbs. (50 gal)



Jet-Lube No. 33

Silicone Grease

Direct comparison to Dow Corning® Molykote 33 Grease. A registered trademark of Dow Corning Corporation, USA • Water resistant • Nontoxic/Safe • Wide temperature range • Chemical resistant • Highly resistant to oxidation and shear breakdown • Suitable for valve lubrication • Conforms to CID A-A-59173, Type 2 (formerly MIL-G-46886B) • Conforms to former MIL-Spec G-4343 for pneumatic systems, now SAE-AMS-G-4343

Jet-Lube NO. 33 is a premium grease for use in a wide variety of applications. Its low volatility and low temperature properties allow the product consistency to remain constant over a wide temperature range. Jet-Lube NO. 33 is excellent for ball and roller bearings under light loads; plastic and rubber parts; small gears and applications requiring oxidation resistant lubrication. Jet-Lube NO. 33 is especially effective in equipment that must start in extreme cold. Jet-Lube NO. 33 can provide excellent lubrication and sealing properties for plug and gate valves, o-rings, vacuum and pressure systems. The thickener is a soap which provides better oxidation resistance. It is not recommended for use on surfaces to be painted.

73850 – 14 oz. Cartridge, 73860 – 5 oz. Squeeze Tube, 73816 – 35 lbs. (5 gal), 73824 – 120 lbs. (15 gal), 73829 – 400 lbs. (50 gal)



MP Silicone

Nonconductive Grease

Direct comparison to Dow Corning® 4 Compound & Dow Corning® 7 Compound. A registered trademark of Dow Corning Corporation, USA • Will not carbonize at high temperatures • NSF H-1 Registered • Water resistant • Nontoxic/Safe • Wide temperature range • Translucent paste • Highly resistant to oxidation and shear breakdown • Dielectric strength - 500 volts/mil typical

MP SILICONE GREASE is a premium silicone grease for use in a wide variety of applications. Ideal for lubricating and moisture-proofing marine, automotive and aircraft ignition systems, electrical assemblies, cable connections, battery terminals and spark plug connectors. It can also be used as a release agent and lubricant for both plastic and metal parts. The low volatility and inert properties allow it to be used on a wide range of elastomers and plastics. Excellent for high temperature bearings, conveyor systems, and low-temp refrigeration systems. It is not recommended for use on surfaces to be painted.

32450 – 14 oz. Cartridge, 32460 – 5 oz. Squeeze Tube, 32416 – 35 lbs. (5 gal), 32424 – 120 lbs. (15 gal)



EP Greases

EP Greases

Product	Type	Color	Temp	Specifications	NLGI Grade	Marine	NSF	Features
EP Bearing Grease	Lithium	Purple	0°F to 325°F -18°C to 163°C		2			Industrial grade multi-purpose lubricant
CB-2 Super-Lith	Lithium	Amber	0°F to 300°F -18°C to 149°C		2			Ideal wherever dirt, dust, high humidity are present
#202 Moly-Lith	Lithium	Black	0°F to 300°F -18°C to 149°C		2			Multi-purpose grease with moly
White Lithium Grease	Lithium	White	0°F to 370°F -18°C to 232°C		2		H2	With PTFE
EP White Grease	Lithium	White	0°F to 325°F -18°C to 163°C	MIL-G-18458B	2			Construction grade
Jet-Plex-EP	Lithium	Red	0°F to 450°F -18°C to 232°C		1 & 2			Premium multi-purpose grease
Marine Wire Rope & Howser Grease	Lithium	White/Beige	-300°F to 325°F -184°C to 163°C	MIL-G-18458B (SH)		Yes		Economical high-performance lubricant
Alco-EP-73 Plus	Aluminum Complex	Red	-25°F to 450°F -32°C to 232°C	MIL-G-18458B (SH)	2	Yes		Premium multi-purpose grease
Alco-EP	Aluminum Complex	Black	-25°F to 450°F -32°C to 232°C		2	Yes		Premium multi-purpose grease with moly
Kiln Grease HT	Aluminum Complex	Green	0°F to 500°F -18°C to 260°C		2			Ideal for severe service applications
FMG	Aluminum Complex	White	0°F to 400°F -18°C to 204°C	FDA CFR 21, Part 178.3570		Yes	NSF -61	Retards bacterial & fungal growth
Arctic	Calcium	Amber	-65°F to 225°F -54°C to 107°C		2			Effective in extreme cold
Marine MP	Calcium/Lithium	Black	0°F to 325°F -18°C to 163°C			Yes		Ideal for a variety of "on-board" applications
AP-1	Bentone	Amber	0°F to 550°F -18°C to 288°C					Non-melt high-temp grease
AP-1W	Bentone	White	-20°F to 550°F -29°C to 288°C					Non-melt high-temp grease
AP-5	Bentone	Black	-18°F to 550°F -29°C to 288°C		2			Non-melt high-temp grease
Temp-Guard	Synthetic	Black	-10°F to 600°F -23°C to 316°C		1.5			Capable of withstanding 600°F temps
CC Lube	Synthetic	Clear	0°F to 400°F -18°C to 204°C	FDA CFR 21, Part 178.3570	2	Yes	NSF -61	Colorless, nonstaining & biodegradable
Silicone DM	Silicone	Translucent	-70°F to 400°F -57°C to 204°C		2		NSF -61	Comparable to Dow Corning® III Compound
Jet-Lube No. 33	Silicone	Pink	-70°F to 400°F -57°C to 204°C	CID A-A-59173, Type 2 (formerly MIL-G-46886B) SAE-AMS-G-4343 (formerly MIL-G-4343)	2	Yes		Comparable to Dow Corning® MolyKote 33
MP Silicone	Silicone	Translucent	-70°F to 400°F -57°C to 204°C	MIL-S-8660C (Grade 3) MIL-C-21567A (Grade 2)	2 & 3	Yes	NSF -61	Comparable to Dow Corning® 4 Compound and Dow Corning® 7 Compound

Calcium

Arctic™

Extreme Cold Temperature Grease

-65°F to 225°F (-54°C to 107°C) • Dropping point of 285°F (141°C) • Contains no solid additives • Extremely resistant to salt spray • All temperature formula; effective winter or summer • Water resistant • Rust and corrosion resistant • Color - Amber

ARCTIC is particularly suitable for use in extreme cold environments such as cold rooms, cold storage lockers, ice plants, and on refrigeration or cold storage equipment. It will resist such environmental contact as humidity, ice, and road salts without hardening, washing off or deteriorating.

ARCTIC is an excellent service grease that has passed the Shell Roll Test for 100 hours at 150°F (66°C), and passed Federal Test Method Standard No. 791B, Method No. 3454.2 "Leakage Tendencies of Automotive Wheel Bearing Greases" and ASTM 1263. It also passes the application salt-spray resistance and rust tests required by the United States Government for its severe environmental contact greases.

ARCTIC may be used on automobiles and aircraft, in industrial applications, or anywhere lubricating properties of a moderate to severe nature are required over a wide range of temperatures.

35050 – 14 oz. Cartridge, 35005 – 1 lb. Can, 35006 – 5 lbs. Can, 35016 – 35 lbs. (5 gal), 35024 – 120 lbs. (15 gal), 35029 – 400 lbs. (50 gal)



Synthetic

Temp-Guard™

High-Temp Grease

-10°F to 600°F (-23°C to 316°C) • No petroleum based oils or additives • High flash point • Excellent low temperature properties • Non-melting • High film strength with low coefficient of friction • Low volatility for less smoke and odors • Color - Black

TEMP-GUARD is a high quality synthetic grease for high temperature applications. It contains both graphite and molybdenum disulfide to give the product both low friction and extreme pressure capabilities. The synthetic fluid in this product provides exceptional low temperature flow characteristics as well as high temperature stability. There are no polymers to build viscosity or viscosity index. TEMP-GUARD is ideal for plain and anti-friction ball and roller bearings, kiln bearings, crushers, crane ladles, press and hammer guides, high temperature blowers, fans and oven conveyors.

31850 – 14 oz. Cartridge, 31805 – 1 lb. Can, 31806 – 5 lbs. Can, 31816 – 35 lbs. (5 gal), 31824 – 120 lbs. (15 gal)



Thread Sealants

Thread Sealants

Product	Specifications	Temp	Pressure	NSF	Features
V-2	MIL-TT-S-1732 (formerly MIL-T-27730A)	-70°F to 500°F -57°C to 260°C	10,000 psi liquid 2,000 psi gases	PI NSF-61	Vegetable oil-based, soft-setting, for use with potable water
TFW	MIL-TT-S-1732	-35°F to 500°F -37°C to 260°C	10,000 psi liquid 2,000 psi gases		Ideal for high-pressure applications
TF-15	CA COR Title 22	-50°F to 600°F -46°C to 316°C	10,000 psi liquid		Ideal for fiberglass pipe applications
TF-25		-100°F to 600°F -73°C to 316°C	10,000 psi liquid		Ideal for pipe diameters larger than 3 inches
Petro Tape	CID A-A-58092 (formerly MIL-T-27730A)	-400°F to 500°F -240°C to 260°C			2 mil thicker than average tapes One wrap application
PFPE Grease		0°F to 600°F -18C to 260°C	1,500 psi liquid		Unmatched chemical & solvent resistance

Thread Sealants

Jet-Lube Thread Sealants are manufactured to seal and secure metal, plastic and fiberglass piping and fittings by filling the voids and imperfections on the threaded surfaces and to eliminate back flow through the threads, thus causing a leak pattern. Jet-Lube thread sealants prevent leakage caused by

V-2®

Multipurpose Pipe Thread Sealant with PTFE

-70°F to 500°F (-57°C to 260°C) • NSF - 61 #21265 • Uniform Plumbing Code: IAPMO #1282 • Biodegradable • MIL TT-S-1732 • No VOC • Seals to 10,000 psi • Friction Factor - .07 • Brushable to 0°F • Contains PTFE • Safe to use on PVC & Fiberglass Fittings • No Odor

V-2 is a combination of vegetable oil, PTFE and inert fillers that are environmentally safe, nontoxic for use in potable water applications, on NPT and standard pipe fittings. V-2 is a soft setting product, so you can remove the fitting without damage to the threads. This formulation also has rust and corrosion inhibitors built in so the connection/fitting will not rust or corrode. V-2 also has a bacterial/fungistat which is a food grade additive that will eliminate bacterial culturing.

35555 – 1/4 pt. Brush Top, 35502 – 1/2 pt. Brush Top, 35504 – 1 pt. Brush Top, 35507 – 1 qt. Brush Top, 35523 – 1 gal., 35515 – 5 gal., 35524 – 15 gal., 35529 – 500 lbs. (50 gal.)



TF-25™

Line Pipe and NPT Thread Sealant and Anti-Seize

-100°F to 600°F (-73°F to 316°C) • Contains PTFE & Graphite • Brushable to 0°F • Soft Setting Formula • Non-Melt Formula • Chemically Inert • Pressures to 10,000 psi liquid and 2,000 psi natural gas & air • Friction Factor - .07

TF-25 is a thread sealant that has anti-seize characteristics, where standard thread sealants do not have the ability to handle dual function applications. TF-25 performs both functions of sealing the threads on large diameter connections (3 1/2" and above), while also working as an assembly and disassembly lubricant. The ingredients are inert, noncorrosive, and ideal for natural gas, hot oils, desolate materials and wastewater applications. TF-25 is ideal as a thread sealant where loose fitting or worn threads are present, on imperfectly cut threads or where thread damages have occurred. TF-25 may be used on both ferrous and nonferrous metals.

23502 – 1/2 lb. Brush Top, 23504 – 1 lb. Brush Top, 23507 – 2 lbs. Plug Top, 23523 – 10 lbs. (1 gal.), 23513 – 25 lbs. (2.5 gal.), 23515 – 50 lbs. (5 gal.)



TFW™

PTFE Fire Sprinkler, Pressurized Air and Natural Gas Pipe Thread Sealant

-70°F to 500°F (-57°C to 260°C) • Biodegradable • Non-Melt • Contains PTFE • No VOC • Brushable to 0°F • 10,000 psi Rating (Liquids) • MIL-TT-S-1732 • Friction Factor - .07

TFW is manufactured to seal NPT threads for metal piping, threaded ball valves and for applications where PVC, CPVC and ABS are used. This special formula is ideal for fire sprinkler applications where glycol testing is required. Provides sealing upon application and can be pressurized to 10,000 psi for liquids and 2,000 psi for natural gas and pressurized air lines. The soft setting formula is ideal where disassembly of fittings is required. The rust and corrosion inhibitors are built in to assure trouble free disassembly and help eliminate damage to the threaded fitting. The formula is built around micro-fine particles which allow fittings and valves to be assembled with ease, and ensures immediate seal and pressurization.

24055 – 1/4 pt. Brush Top, 24002 – 1/2 pt. Brush Top, 24004 – 1 pt. Brush Top, 24007 – 1 qt. Brush Top, 24023 – 1 gal., 24015 – 5 gal., 24024 – 15 gal., 24029 – 50 gal.



TF-15®

Fiberglass Pipe Thread Sealant

-60°F to 600°F (-51°C to 316°C) • Non-Metallic • No VOC • Contains PTFE & Graphite • H2S Additive • Pressures to 10,000 psi Liquid and 2,000 psi Natural Gas & Pressurized Air • Frictions Factor - 0.7

TF-15 assures a tight connection assembly to better handle pressure surges, vibration, temperature fluctuations and pressures up to 10,000 psi. The highly refined materials used for this formula do not interfere with connection assembly, thus allowing full thread engagement which creates the actual seal in the thread form. Fiberglass threaded pipe is a rough cut thread which requires a sealant to lubricate the threaded surface and seal at the same time. Creating a tight seal is important to eliminate back flow of the contents traveling through the pipe. Some of the typical uses for fiberglass pipe are salt water discharge applications, wastewater plants, power generation stations and for highly corrosive materials which would corrode metal piping.

23023 – 1 gal., 23012 – 2 gal., 23015 – 5 gal., 23024 – 15 gal., 23029 – 50 gal.



Jet-Lok® PS-67

Stainless Steel Pipe Thread Sealant W/PTFE

-65°F to 400°F (-54°C to 204°C) • Contains PTFE • Viscosity (thixotropic) 300,000 to 400,000 cps • Shear Strength - 10,000 psi • Full Cure Time - 24 Hours • Specific Gravity - 1.1 • Shelf Life - 12 Months • Approved for Potable Water

JET-LOK® PS-67 is ideal for stainless steel, aluminum, galvanized metal and other inert metals. It has been formulated for tapered metal pipe thread fittings and valves. This product has excellent solvent resistance, allows easy assembly and prevents galling. It is used on pressure valves, air compressors, and hydraulic system tanks for positive vibration related sealing. JET-LOK® PS-67 is approved for potable water and has a unique blend of rust and corrosion inhibitors.

57666 – 50 ml. Tube, 57667 – 250 ml. Tube



Jet-Lok® PS-92

Anaerobic Multipurpose High-Temp Pipe Thread Sealant

-60°F to 300°F (-51°C to 149°C) • Contains PTFE • Viscosity (thixotropic) 350,000 cps • Shelf Life - 12 Months • Specific Gravity - 1.2 • No VOC • Shear Strength - 10,000 psi • Breakaway Torque - 25-60 in. lb.

This multipurpose thread sealant is ideal for applications where high performance is required to pressurize a fitting or connection within a 24 hour period. JET-LOK® PS-92 is formulated as a sealant that locks and seals tapered metal pipe thread fittings and valves. The sealant replaces Teflon tape and conventional pipe thread compounds. Cures rapidly to pressures of 10,000 psi, prevents galling and protects mated threaded areas from rust and corrosion.

57566 – 50 ml. Tube, 57567 – 250 ml. Tube



Petro-Tape™

Heavy-Duty Thread Sealant Tape

-400°F to 500°F (-240°C to 260°C) • 3-Mil Thickness • Conforms to CID A-A-58092 (MIL-T-27730A) • Inert Properties • Chemical Resistant • Pure Virgin Polytetrafluoroethylene

PETRO-TAPE is inert and highly resistant and impervious to salt water, fuels, refrigerants, acids and alkalis, including kerosene, cleaning fluids and gases. Immediate pressurization of the joint is possible. This 3-Mil tape will not tear easily, as the combination of polymers actually stretch and expand to develop a tight seal. When the NPT fitting is assembled to the pipe, the Petro-Tape will not tear or ball up in the threads during assembly which can cause leak patterns to develop.

30774 – ½" x 500"



PFPE Grease

Thickened with PTFE

0°F to 600°F (-18°C to 316°C) • Unmatched chemical & solvent resistance • Excellent electrical & radiation resistance • Compatible with nearly all elastomers & plastics • Inert to liquid & gaseous oxygen • Nonflammable • Nontoxic • No Dropping Point

PFPE GREASE is a PTFE thickened perfluorinated polyether fluid providing optimum oxidation resistance at temperatures up to 600°F. This combination of materials has the additional benefit of being essentially inert to all but a couple of fluorinated, higher molecular weight solvents. The base fluid carries exceptionally high extreme pressure properties with a 4-Ball Weld Point of 800–1000 kilograms of force.

Due to its extreme resistance, Jet-Lube PFPE GREASE can be utilized in such services as oxygen & chlorine where other lubricants would spontaneously combust. It can also be utilized around gasoline, benzene, xylene, etc., that easily wash away other lubricants.

Other uses include O-ring lubrication and protection; food processing; canning and textile equipment; solvent resistant for valve, gasket and bolt applications with rail cars; lubrication of equipment used in high vacuum applications; cryogenic apparatus and pneumatic systems.

38350 – Cartridge, 38307 – 5 gal. Pail



Lubricants for Open Gear and Wire Rope Applications

Gear-Guard™

Premium Lubricant Paste

0°F to 550°F (-18°C to 288°C) • Brushable/Pumpable formula • Black, Sticky Semi-Fluid • Petroleum Oil Based Material

This product has been developed to coat and protect mating surfaces of opened and closed crown ring and pinion gears.

Also used for “bull” gears, planetary ring gears and assemblies where high load contact protection is required. GEAR-GUARD contains molybdenum disulfide and graphite in a water resistance grease base so the product will not run, sling off or melt over time and exposure to the elements. This combination of durable and flexible components produces a thin film on the gears, eliminating metal to metal contact which will reduce surface heat and wear.

17941 – 12 oz. Aerosol, 17909 – 9 lbs. (1 gal.), 17916 – 35 lbs. (5 gal.)



WLD™ (Wire Line Dressing)

Wire Rope, Cable and Roller Chain Dressing & Lubricant

Non-Melt Base Grease • -25°F to 350°F (-32°C to 177°C) • Black Brushable Formula • NSN # 9150-01-179-0228

WLD is a blend of petroleum and organic resins that aid in adhesion properties and make WLD highly water resistant. This formula is a coating for long-term storage to protect exposed wire rope. Ideally suited for spooling applications where pneumatic lubricators are present for applying wire rope lubricants. Our special blend of rust and corrosion inhibitors will eliminate oxidation and is UV protected. WLD will not run or drip off during transport or storage. The barrier film of WLD protects against the formation of rust and prevents “rust binding” which reduces cable flexibility and life, increasing friction and wear. WLD is well suited for walking drag line applications and as a lubricant for wire line guides and sheaves. WLD has the ability to penetrate in a working environment to protect the inner core strands of the cable or rope.

28541 – 12 oz. Aerosol, 28510 – 7 lbs. (1 gal.), 28516 – 35 lbs. (5 gal.), 28524 – 120 lbs. (15 gal.), 28529 – 400 lbs. (50 gal.)



OG-H™

Heavy-Duty Open Gear Lubricant

0°F to 550°F (-18°C to 288°C) • Non-Melt Grease Base • Brushable Formula • Black Sticky Paste

This blend of mineral oils, molybdenum disulfide and graphite combined with rust and corrosion inhibitors is ideal for open, outdoor surfaces. OG-H is specially formulated for gears, gearboxes, trunnion rollers and thrust rollers. OG-H is ideal for gears that drive large kiln drying units. OG-H is a brushable & pumpable formula, so applying the grease to flat, tapered or open gears is easily done using a conventional paint brush or pneumatic pumping system. This uniformly blended combination of low friction ingredients provides a high film strength which reduces starting torque and lowers operating temperatures.

26050 – 14 oz. Cartridge, 26016 – 35 lbs. (5 gal.), 26024 – 120 lbs. (15 gal.), 26029 – 400 lbs. (50 gal.)



Sheen-Free™

Non-Sheening Wire Rope Coating

Biodegradable • Nonhazardous • Pumpable • Flexible finish • No evaporation

Penetrates to wire rope core to provide “inner-strand” lubricity. SHEEN-FREE displaces water while coating scratches and nicks. Forms an outer film to protect against salt water corrosion and wash off.

This product is designed for applications when docking or mooring where wire ropes will be in contact with sea water. SHEEN-FREE is biodegradable, nonhazardous, water resistant, and contains light oil type products that will not sheen on the surface of sea water. SHEEN-FREE is a flexible coating for both working and storage of cables and wire rope. SHEEN-FREE is a thin film oil for coating spools for storage or transport. Water will not penetrate the coating and remains flexible for working applications. Conforms to US Coast Guard specification 9150-01-398-7341 for lubrication properties. SHEEN-FREE is a direct offset to Prelube 19 wire rope lubricant and coating.

33720 – 5 gal.



WRL™ (Wire Rope Lubrication/Oil)

Wire Rope and Chain Lubricant

-25°F to 350°F (-32°C to 177°C) • Petroleum Oil • Color - Beige • Solvent Free • Pumpable

All wire ropes contain numerous moving parts that require lubrication. Each time the rope bends or flexes, the internal strands rub together causing friction, heat and wear. WRL has a blend of additives that coat, cover and protect the strands from the weathering conditions caused by offshore environments. Highly resistant to rain and salt water atmospheres, ideally suited for offshore cranes and lashing lines. The formula of rust and corrosion additives make this ideal for lubricating wire rope, forklifts and any application that needs lubrication without attracting dirt and grime. WRL can also be used for cable pull systems and lines on amusement park rides.

34041 – 12 oz. Aerosol, 34010 – 7 lbs. (1 gal.), 34020 – 35 lbs. (5 gal.), 34024 – 110 lbs. (15 gal.), 34029 – 375 lbs. (50 gal.)



Marine Wire Rope & Hawser Grease™

Lubricant & Protectant

MIL-G-18458B • -0°F to 325°F (-18°C to 163°C) • Color - White/Beige • Nonstaining • Water Resistant • Anti-Corrosive • Nondrying • NLGI Grade 2

This multipurpose product is suited for applications where general purpose marine grade grease is used to lubricate metal, galvanized or black ropes that are exposed to sea water and high humidity environments. This tenacious product is easily pumped with pneumatic pumping systems or can be applied by brush or swab. Recommended for all marine hawser and related elevator hoists, rig anchor cables, or any rope that operates in harsh offshore environments.

34516 – 35 lbs. (5 gal.), 34524 – 120 lbs. (15 gal.), 34529 – 400 lbs. (50 gal.)



MP-50™

Multi Purpose Non-Melting Moly Paste

50% Moly Paste • Brushable • Color - Black •
 -300°F to 750°F (-184°C to 399°C) • Organic
 Clay Mixture with Moly • Non-Melting Formula •
 300,000 psi Contact Stress Load • NAVSEA
 TMS S 9558-AA-MMA-100

MP-50 was developed for applications where extreme high loads are present, like center bowl lubrication points for rail cars and walking cams for dragline cranes. This product is highly saturated with molybdenum disulfide in a thick non-melt grease base for stay put properties. MP-50 is designed to handle high pressure and high heat applications like mandrel forming presses, and is used as a valve stem lubricant for many OEM valve manufacturers.

28003 - 1 lb. Plug Top, 28007 - 2 lbs. Plug Top, 28023 - 12 lbs. (1 gal.),
 28013 - 30 lbs. (2.5 gal.), 28015 - 60 lbs. (5 gal.)



Marine Moly

Molybdenum Disulfide Paste

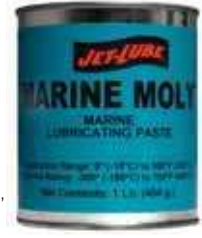
-300°F (-185°C) to 750°F (400°C) • Color - Black
 • Lead Free • Water Resistant • Nonmelting •
 Contains Moly

MARINE-MOLY. is a specially formulated Molybdenum Disulfide (MoS₂) marine lubricating paste that provides a low friction shield by “plating” to metal surfaces to reduce bearing temperature, protect working parts, prevent galling and heat freeze. Very tenacious, it may be applied by brush or spatula to hot surfaces without running or dripping off.

MARINE-MOLY is extremely resistant to water, withstands extreme weather elements and helps prevent corrosion on metal exposed to water, steam, salt spray, etc. MARINE-MOLY has a 300,000 psi film strength.

Ideal applications include open gears, loading racks & arms, marine transmission gears, open spur gears and sliding bases.

65005 - 1 lb., 65041 - 12 oz. Aerosol



Lubricants

Product	Temp	NLGI	Color	NSF	Marine	Features
Gear-Guard	-25°F to 350°F -32°C to 177°C	3	Black, Paste			Ideal for all heavily loaded applications
OG-H	0°F to 550°F -18°C to 288°C	3	Black, Paste			Highly adhesive and easy to apply
WLD	-25°F to 350°F -32°C to 177°C		Black, Paste		Yes	Ideal for use in salt water environments
WRL	-25°F to 350°F -32°C to 177°C		Amber		Yes	Provides a non-drying, non-tacky film
MP-50	-300°F to 750°F -184°C to 399°C	3.5	Blue to Black			“Plates” metal surfaces
Oven Chain Lubricant	-25°F to 350°F -32°C to 177°C		White	NSF-61	Yes	A premium, effective, high-viscosity lubricant
Marine Moly	-300°F to 750°F -184°C to 399°C		Black, Paste		Yes	Extremely resistant to weather conditions
Jet-Lube Sheen-Free	-30°F to 400°F -34°C to 204°C		Black		Yes	USCG Spec. Number 9150-01-398-7341

Anaerobics

TL-22

Removable Screwlock

Purple • MIL-S-46163A Type II, Grade M

Vibration-proof, low-removal torque compound for small fasteners less than 1/4" (6.35mm.) requiring future adjustment or removal.

55666 – 50 ml., 55667 – 250 ml.



TL-72

High-Temp Studlock

Up to 450°F (232°C) • Red • MIL-S-46163A

Permanent threadlocker/sealant resistant to extreme temperatures. Gap filling formulation for large diameter, coarse-threaded parts. For use on furnace mounting bolts, steel mill conveyor bolts, and kiln & oven bolts.

55566 – 50 ml., 55567 – 250 ml.



TL-77

Heavy Duty Permanent Threadlocker

Red • MIL-S-46163A Type I, Grade L • MIL-S-22473E Type I, Grade AVV

High-strength, high-viscosity, permanent threadlocker/sealant for fasteners over 1" (25mm.) in diameter. Ideal for large coarse-threaded studs, large gap or sloppy fitting parts.

55366 – 50 ml., 55367 – 250 ml.



TL-90

Wicking Adhesive & Sealant

Green • MIL-S-46163A Type III, Grade R • MIL-S-22473E Type III, Grade AA

Low viscosity, penetrating adhesive/sealant. This compound can penetrate the smallest voids in assembled components. Once cured in place, a positive lock is formed helping to prevent leakage. Ideal for pillow block bearings and bearing races.

55466 – 50 ml., 55467 – 250 ml.



RT-80

Maximum Strength Retainer

MIL-S-56050C Type II, Class 2

High viscosity, single component anaerobic resin designed for bonding rigid assemblies of all types. RT-80 is excellent for locking bearings, keys and splines. Eliminates spin out and backlash.

56266 – 50 ml.



HP-45

Hydraulic and Pneumatic High-Pressure Sealant

HP-45 is a fast curing anaerobic sealant for hydraulic and pneumatic fittings up to 2" (51mm.) in diameter. Resists water, most solvents, vibration loosening and pressures to 10,000 psi.

57966 – 50 ml.



TL-42

Removable Nutlock

Blue • MIL-S-46163A Type II, Grade N • MIL-S-22473E Type II, Grade CVV

Medium-strength general purpose threadlocker which, after curing, is removable with hand tools. Typical uses include coupling drive bolts, motor mounting bolts, construction equipment nuts and conveyor roller nuts.

55160 – Fish Bowl with 100 2 oz. Bullets,
55161 – 100 2 oz. Bullets without Fish Bowl,
55163 – 35 ml. Gel Pump, 55165 – 10 ml.,
55166 – 50 ml., 55167 – 250 ml.



TL-71

Permanent Studlock

Red • MIL-S-46163A Type I, Grade K

Chemically resistant, permanent threadlocker/sealant. For use on bolts and studs up to 1" (25mm.) in diameter. Resists fuels, lubricants, and most industrial liquids and gases to prevent leakage and corrosion.

55260 – Fish Bowl with 100 2 oz. Bullets,
55261 – 100 2 oz. Bullets without Fish Bowl,
55263 – 35 ml. Gel Pump, 55265 – 10 ml.,
55266 – 50 ml., 55267 – 250 ml.



EC-100

Instant Super Glue

Low Viscosity • MIL-S- 56050C Type II, Class 2

Ideal for bonding rubber and plastics.

General purpose super glue. Suitable for a variety of bonding applications. Recommended for use on small gaps and relatively smooth surfaces.

58565 – 1/3 oz., 58578 – 1 oz.



JET-LOK II Two-Part Epoxy

Two-part epoxy with metallic fillers that can be used to permanently lock threaded connections. Specifically for use on all threaded joints or fasteners where an exceptionally strong and durable bond is required. Ideal for locking threaded connections, filling cracks, quick repairs, stud/bolt fastening, insulating, pipe repair, and all general purpose bonding needs. Jet-Lok II is brushable and chemical resistant and is compatible with most substrates. Jet-Lok II offers a distinct advantage over welding in that threaded connections may be broken out by heating to 550°F (288°C).



60867 – 8 oz. Can; 60868 – 16 oz. Can; 60845 – 2 oz. Handy Pak

Anaerobics

Product	HP-45	PS-67	PS-92
Appearance	purple	white	white
Max Pressure	10,000 psi	10,000 psi	10,000 psi
Temp Range	-65°F to 300°F -54°C to 148°C	-65°F to 300°F -54°C to 148°C	-65°F to 300°F -54°C to 148°C
Cure Time (primed)	<30 min.	<10 min.	24 hrs.
Packaging	50 ml.	50, 250 ml.	50, 250 ml.

Product	EC-100	EC-GEL
Appearance	clear	clear
Gap Fill	.006"/.15mm.	.01"/.25mm.
Chemical Type	ethyl	ethyl
Viscosity cPs	100	thixo gel
Shear Strength	3,000 psi	3,000 psi
Temp Range	-65°F to 180°F -54°C to 82°C	-65°F to 180°F -54°C to 82°C
Fixture Time	15 sec.	45 sec.
Full Cure	24 hrs.	24 hrs.
Packaging	10, 28 gm.	28, 4 gm.

Product	TL-22	TL-42	TL-71
Appearance	purple	blue	red
Gap Fill (primed)	.005"/.1mm.	.005"/.1mm.	.007"/.18mm.
Viscosity cPs	1,200-1,500	1,000-5,000	450-550
Torque Break	100-200	100-200	200-300
Prevail (in lbs.)	30-60	30-60	250-350
Temp Range	-65°F to 300°F -54°C to 148°C	-65°F to 300°F -54°C to 148°C	-65°F to 300°F -54°C to 148°C
Fixture Time	<15 min.	15 min.	15 min.
Full Cure	24 hrs.	24 hrs.	24 hrs.
Packaging	50, 250 ml.	10, 50, 250 ml.	10, 50, 250 ml.

Product	TL-72	TL-77	TL-90
Appearance	red	red	green
Gap Fill	.007"/.18mm.	.01"/.25mm.	.004"/.1mm.
Viscosity cPs	7,000	6,000-8,000	10-25
Torque Break	180-270	250-350	20-100
Prevail (in lbs.)	20-30	200-300	200-350
Temp Range	-65°F to 450°F -54°C to 232°C	-65°F to 300°F -54°C to 148°C	-65°F to 400°F -54°C to 204°C
Fixture Time	15 min.	15 to 60 min.	5 min.
Full Cure	24 hrs.	24 hrs.	24 hrs.
Packaging	50, 250 ml.	50, 250 ml.	50, 250 ml.

Product	RT-80	MC-100
Appearance	green	clear
Gap Fill	.015"/.4mm.	.006"/.15mm.
Viscosity cPs	1250-2200	90-120
Shear Strength	3500-4600 psi	7800 psi
Temp Range	-65°F to 300°F -54°C to 148°C	-65°F to 180°F -54°C to 82°C
Fixture Time	10-30 min.	15 sec.
Full Cure	24 hrs.	24 hrs.
Packaging	50 ml.	1 oz.

769 Lubricant®

Nonflammable Penetrant/ Lubricant/Moisture Displacer/ Protectant

NSF Rated H2 • 35KV Dielectric Strength • Nonflammable • Nonevaporating • Contains No Silicones • NSN #'s – 9150-00-261-789, 8030-99-923-1633, 8030-00-181-7603 • MIL-C-81309 Type II & III, Class II, CO2 Grade (Aerosol) • MIL-C-81309 • Type II & III, Class I (Bulk) • MIL-C-16173E Grade 3 • MIL-C-23411A, VV-P-216B

769 LUBRICANT is the foremost lubricating, penetrating, moisture displacing, and corrosion preventative coating available today. Unequaled where salt water, salt spray or other harsh environments are present. 769 LUBRICANT gives total performance while being environmentally safe, easy to use and nonflammable.

Lubricates: Contains ashless, extreme pressure additives and highly refined lubricating oils that provide superior lubricating protection and anti-wear properties.

Penetrates: Rusted and frozen metal parts – studs, nuts, screws, pins, linkages – are easily loosened by means of superior "creepability."

Removes Moisture: Moisture is lifted and displaced rather than trapped. Pores and crevices of surfaces are freed from moisture and are coated with a thin, non-greasy film that prevents additional moisture from clinging or entering.

Prevents Rust & Corrosion: Thin film adheres to metallic surfaces, providing positive, temporary protection against the formation of rust and corrosion, including electrolytic and galvanic corrosion common in salt environments.

37341 – 12 oz. Aerosol, 37343 – 16 oz. Trigger Spray, 27533 – 1 gal., 27535 – 5 gal., 27529 – 50 gal.



All Purpose Lubricant

All Purpose Lubricant and Penetrant

ALL PURPOSE LUBRICANT is a new generation penetrant that is approved in California and all of the OTC States. The non-staining fast penetrating lubricant is ideal for changing environments as well as an everyday lubricating spray for light to medium duty applications. All PURPOSE LUBRICANT is designed to lubricate, penetrate, displace moisture and prevent against corrosion.

ALL PURPOSE LUBRICANT is the ideal product to be used on bearings, machinery, connectors, nuts and bolts, and all metal surfaces.

50441 – 13 oz. Aerosol



Z-Plate™

Zinc-Rich Galvanizing Compound

Contains 95% Pure Zinc

Z-PLATE provides the protection of hot-dip galvanizing plus the convenience of on-the-job aerosol application. Z-PLATE contains 95% pure zinc and forms a tough, durable and flexible zinc metal coating that actually bonds electrochemically with the base metal to protect against rust, rust spreading and corrosion.

60541 – 14-3/4 oz. Aerosol



Rust-Guard™

Corrosion Inhibitor

Contains No Fluorocarbons • Indoor and Outdoor Formula • MIL-PRF-16173E

RUST-GUARD is a specialized water displacing formula which dries to a uniform, thin waxy film to effectively seal out moisture and corrosion. RUST-GUARD provides long-term protection on all metal and alloy surfaces, even under harsh environmental conditions such as water, high humidity or salt spray. Bulk formula typically provides six months outdoor and one year indoor protection against rust and corrosion.

RUST-GUARD may be used indoors or outdoors as a protective coating on raw materials, machined parts, tools, pipe, fittings, valves, etc., while they are being stored or in transit. RUST-GUARD will not crack or flake off; it penetrates fully into even the smallest crevices to displace moisture and prevent rust and corrosion. RUST-GUARD is green in color to provide a visual check of product application and is easily and safely removed by use of a safety solvent such as Jet-Lube CLEAN-UP.

13241 – 11 oz. Aerosol, 13233 – 1 gal., 13235 – 5 gal., 13229 – 50 gal.



Cold Galvanizing Compound

Cold Galvanizing Compound

COLD GALVANIZING COMPOUND was designed to market a pure zinc spray/coating with zinc infused resin to help coat and seal metal surfaces and pre-applied hot dip galvanizing as a patch repair product. This new MRO product is a true 50% pure metallic zinc product that is designed for light to medium duty applications needing a quick repair without needing a high cost, high zinc content product. An electrochemical reaction causes rust to stop and the coating helps to prevent future rust from developing.

COLD GALVANIZING COMPOUND is ideally suited for use on structural steel, guard rails, galvanized surfaces, welded joints, offshore equipment, and anywhere that a rust inhibiting coating is required.

51141 – 14 oz. Aerosol



Specialties

Renew™ Belt Dressing

NSF P1 • Prevents Slippage • Stops Squeaks, Squeals • Extends Belt Life • Resists Water Wash-Off • Increases Power • USDA/FDA Authorized

RENEW was developed to meet the demands of today's industrial grade belt usage. RENEW eliminates problem belt slippage on all round, flat and "V" power transmission belts, auto fan belts and all industrial and farm machinery belt drives.

RENEW's dry, tacky film increases traction while permitting decreased belt tension for longer belt life. Can increase power up to 50%. RENEW is resistant to water wash-off and performs effectively under wet conditions. RENEW removes residual build-up and will not glaze or collect dirt and dust. May be applied while belts are in operation.

50941 – 12 oz. Aerosol



Rubber Lubricant™ Water-Based Rubber Lubricant & Mold Release Agent

Nontoxic • Low Foaming • Odorless • Heat Stable to 500°F (260°C) • Environmentally Safe • Nonstaining • Nonflammable • Ozone Friendly

Jet-Lube's Water-Based RUBBER LUBRICANT and mold release agent is a multipurpose, environmentally safe silicone product that provides unsurpassed performance. Contains twice the silicone content of leading aerosols for increased protection.

When used as a rubber lubricant, it makes assembly of plastic and rubber parts fast and easy. Whether squirted, sprayed, or brushed on, Jet-Lube's RUBBER LUBRICANT provides a temporary, wet, slippery surface, and then either dries to a thin protective film or is absorbed into natural or synthetic rubber.

As a mold release agent, extra heavy silicone content provides maximum release capacity under even the most severe molding conditions. Excellent for all metal, plastic, and rubber castings. Will not melt or gum.

52043 – 16 oz. Trigger Spray, 52033 – 1 gal., 52035 – 5 gal.



Moly-Mist™ MoS2 Dry Film Lubricant

Noncorrosive • Bonds to Most Porous & Nonporous Metals • -300°F to 750°F (-184°C to 399°C)

MOLY-MIST lowers friction, prevents galling, seizure, stick-slip, fretting, corrosion and metal-to-metal contact; reduces torque and power consumption. It can be applied while equipment is in motion, deposits a coating of MoS₂ on hard to reach surfaces of fixed, moving or irregular parts. MOLY-MIST is used wherever a dry lubricant is needed, particularly where temperatures are extreme, where environments are hostile, and where friction must be kept to a minimum.

MOLY-MIST provides the initial lubrication protection that is needed where conventional lubrication in most cases cannot. Its low coefficient of friction, bonding tenacity, and ability to sustain lubrication make MOLY-MIST a pre-assembly necessity. Lubrication – or lack of lubrication – on the first pass or revolution of a wearing surface to a large extent determines the life of a component. New parts contain rough surfaces in the form of microscopic imperfections. Use of MOLY-MIST during initial "running in" period will provide extended service life.

16041 – 12 oz. Aerosol, 16015 – 35 lbs. (5 gal. Pail),
16025 – 110 lbs. (15 gal. Drum), 16029 – 380 lbs. (50 gal. Drum)



Food Grade Silicone

NSF (H-1) Registered • FDA Regulation CFR-21, Part 178.3570 • Nontoxic • Safe on plastics • Nonstaining • Colorless/Odorless • Excellent Release Agent • Authorized for use by Agriculture Canada • Contains No 1:1:1 Trichloroethane, Freon

FOOD GRADE SILICONE is an excellent lubricant for use on processing equipment in all types of food and food-related industries where incidental food contact may occur. FOOD GRADE SILICONE stops sticking, squeaking and binding of moving parts. Excellent release agent. Will not gum or form unwanted residues, leaves a clear film that is moisture resistant, long-wearing, odorless, colorless and nontoxic.

50641 – 12 oz. Aerosol



Specialties

Oven Chain Lubricant

NSF Rated HI • -25°F to 752°F (-32°C to 400°C) • Noncorrosive • Contains PTFE • Penetrates • Low Odor • Lubricates • Synthetic • Reduces Smoke

OVEN CHAIN LUBRICANT is a premium, high viscosity lubricant that penetrates into the chain to provide optimum performance at elevated temperatures. Synthetic fluid technology was carefully balanced to produce a product that is not only clean and safe, but effectively lubricates chain components.

OVEN CHAIN LUBRICANT is derived from a carefully evolved blend of high viscosity, nonsmoking [550°F (288°C)], low odor synthetic fluids and surface tension modifiers. OVEN CHAIN LUBRICANT avoids the use of potentially damaging organic additives by using a synergistic blend of micro-sized solid boundary lubricants that minimize wear by reducing metal-to-metal contact. The semi-fluid consistency is developed using a non-melting, inorganic thickener that reduces drip and subsequently the potential introduction of lubricant into food products.

33216 – 35 lbs. (5 gal.), 33224 - 120 lbs. (15 gal.), 33229 - 400 lbs. (50 gal.)



Magic Wrench™ Super Penetrant

NSF Rated HI • -60°F to 350°F (-51°C to 177°C) • Biodegradable • Destroys Rust • Lubricates • Low VOC Formula • Silicone Free • Ozone Safe • Nonflammable (bulk) • Nonevaporative

MAGIC WRENCH attacks rust and corrosion quickly and safely to free corroded parts, loosen nuts and aid in the disassembly of mechanical components. Versatile synthetic formula penetrates, lubricates, removes moisture and protects chains, cables, slides and other moving parts. Excellent for both food grade and non-food grade applications.

39541 – 13 oz. Aerosol, 39543 – 16 oz. Trigger Spray, 39533 – 1 gal., 39535 – 5 gal., 39529 – 50 gal.



EMS

Water-Based Silicone Lubricant

FDA CFR 21, Part 178.3570 • Nontoxic • Odorless • Tasteless • Nonstaining • Low Foaming • Environmentally Safe • Nonflammable

EMS Water-Based, Silicone Lubricant is an emulsified, premium, multipurpose product that lubricates, water-proofs and protects while being odorless, tasteless and nonstaining. EMS stops sticking, squeaking and binding of moving parts, is an excellent release agent and ideal clear, clean lubricant. EMS provides a long-wearing, moisture resistant, nontoxic film that will not melt or become rancid. Nonaerosol EMS contains twice the silicone content normally found in aerosol products for increased protection and performance while being ozone- and environmentally safe.

52543 – 16 oz. Trigger Spray, 52533 – 1 gal., 52535 – 5 gal., 52529 – 50 gal.



Cleaners

Clean-Up™

Industrial Cleaner & Safety Solvent

NSF Rated KI • Non-flammable • Ozone Friendly • Acid, Alkali Free • Low Odor • >29KV Dielectric Strength

CLEAN-UP is a heavy-duty, low-foaming, chlorinated solvent that rapidly dissolves oil, grease, paint, tar and grime on contact, leaving a clean, residue free surface. Will not corrode or damage metal. CLEAN-UP is ideal for bearings, machinery, injectors, engine parts, tools, cables and more.

61542 – 18 oz. Aerosol, 61533 – 1 gal., 61535 – 5 gal.



Clean-Up II™

Industrial Cleaner & Safety Solvent

Low VOC Formula • Compliant in all 50 states • Residue free • Ozone friendly

CLEAN-UP II is a specially formulated low VOC blend of organic solvents designed to quickly dissolve and rinse away dirt, grease, grime, oil, tar and wax while being both environmentally responsible and ozone friendly. The product contains no chlorinated or fluorinated solvents, no hazardous air pollutants and evaporates residue-free quickly. This product is California compliant and acceptable for use in CARB/OTC States.

CLEAN-UP II starts working immediately on contact, breaking down and dissolving even stubborn contaminants without the use of fluorinated, chlorinated or SARA listed ingredients. Safe on all metals and some plastics. For sensitive materials, test on an inconspicuous small area first to determine acceptability. For electrical services the system must be off and time given to evaporate before re-energizing the system to avoid flash or fire.

61442 – 14oz Aerosol, 61435 – 5 gal., 61429 – 50 gal.



Clean-Up Plus™

Citrus Degreaser

NSF Rated CI • Replaces 1:1:1 Trichloroethane • Nonflammable Propellant • Natural Organic Formula • Ozone Friendly • Biodegradable • 29KV Dielectric Strength

High performance blend of safe, organic solvents quickly dissolves and rinses away dirt, grease, grime, oil, tar, and wax, while being both environmentally safe and ozone friendly. Works immediately on contact, breaking down and dissolving even the most stubborn contaminants without the use of fluorinated, chlorinated or SARA listed ingredients. Slowly evaporates while cleaning, leaving a residue free surface. CLEAN-UP PLUS is safe on all metals and most plastics.

72542 – 15 oz. Aerosol, 72535 – 5 gal., 72529 – 50 gal.



PS Terminal™

CFC-Free Electrical Contact Cleaner

95% Free of Federal VOC • Safe on plastics* • Nonflammable • Nonstaining • Residue Free • Odorless • May be used while equipment is operating • >35kv Dielectric Strength • NSF Registered K2

Formulated with a blend of HCFC and HFC solvents and propellants to safely and quickly clean electrical and electronic components and equipment, while providing reduced damage to the environment as compared to CFC's and other HCFC-based products. PS TERMINAL will penetrate and remove dirt, grease and organic contaminants and then evaporate leaving a residue-free surface. The blend of HCFC's and HFC's provides a Kauri-Butanol (KB) value low enough to be safe in nearly every electrical and circuit board application while still providing excellent cleaning and oxidation removal properties

*Although much safer, this product may etch, discolor or crack the following plastics; ABS, Polystyrene, Pebax 2533 Resin, and Polymethyl Methacry (Acrylic Resin). Test in an inconspicuous area before using.

60242 – 14 oz. Aerosol



Easy-Clean® Liquid

Alkaline-Based Concentrate

Biodegradable • Nontoxic • Nonflammable • Noncombustible • Nonfuming • Water Soluble

An alkaline-based cleaner/degreaser that uniquely combines cleaning agents with newly developed emulsifying technology to provide a product that can effectively remove carbon, grease, oil and other organic deposits while being both safe and ozone friendly. Contains no 1:1:1 Trichloroethane, Fluorocarbons or SARA Title III, Section 313, Part 372 listed ingredients and contains no acids, chlorides, phosphates or TTO's (Total Toxic Organic Compounds). EASY-CLEAN LIQUID is the most effective cleaner/degreaser for heavy-duty industrial services available and can be used for parts degreasing, pressure washing, steam cleaning, ultrasound cleaning, or simply by brushing or spraying and then rinsing with water or wiping clean. For best results, combine 5-gal. pail of EASY-CLEAN LIQUID with water in a 55-gal. drum.

30033 – 1 gal., 30035 – 40 lbs. (5 gal.), 30029 – 400 lbs. (50 gal.)



Jet-Lube 5000™

Water-Based Cleaner & Degreaser

NSF Rated A1, B2 & C1 • Ph – 7-8 • Biodegradable • Nontoxic • Noncorrosive • Nonflammable • Nonfuming

Contains no 1:1:1 Trichloroethane, fluorocarbons or SARA listed ingredients. Free of acids, alkalis, chlorides, ethylene glycol ethers, phosphates and TTO's (Total Toxic Organic Compounds). JET-LUBE 5000 effectively removes carbon, grease, oil and other organic deposits. Environmentally safe and ozone friendly. Use full strength for maximum results or dilute with fresh or salt water. Used for heavy-duty parts degreasing, pressure washing, steam cleaning, ultrasound cleaning, or simply by brushing or spraying and then rinsing with water or wiping clean. JET-LUBE 5000 is safe on all metals, most plastics, vinyl, rubber, and fiberglass, carpet, wood and concrete.

71043 – 16 oz. Trigger Spray, 71033 – 1 gal., 71035 – 5 gal., 71029 – 50 gal.





CC LUBE	048221 . . . . .	.H1
CLEAN-UP™	137558 . . . . .	.K1
FMG NLGI "1"	048225 . . . . .	.H1
FMG NLGI "2"	048226 . . . . .	.H1
FMG NLGI "3"	131548 . . . . .	.H1
FOOD GRADE SILICONE	137548 . . . . .	.H1
JET-LUBE 5000	048229 . . . . .	.A1, B2, C1
JET-LUBE CLEAN UP PLUS™	144906 . . . . .	.C1
JET-LUBE V-2 MULTI-PURP THD SLNT WITH TEFLON	121265 . . . . .	.P1
JET-LUBE, INC. MP SILICONE GREASE	127362 . . . . .	.H1
JET-LUBE® 769 LUBRICANT® AND PENETRANT	137551 . . . . .	.H2
JET-LUBE® 769 LUBRICANT® AND PENETRANT (AEROSOL)	137644 . . . . .	.H2
JET-LUBE® KOV'R KOTE®	127360 . . . . .	.H2
KOPR-KOTE ANTISEIZE LUBRICANT	120923 . . . . .	.H2
MAGIC WRENCH™ (AEROSOL)	048230 . . . . .	.H1
MAGIC WRENCH™ (BULK)	048231 . . . . .	.H1
NCS-30™ ANTI-SEIZE THREAD LUBRICANT	139876 . . . . .	.H2
OVEN CHAIN LUBRICANT	113601 . . . . .	.H1
PS TERMINAL™	136910 . . . . .	.K2
RENEW BELT DRESSING	137631 . . . . .	.P1
SILICONE COMPOUND DM™ 2	132225 . . . . .	.H1
SILICONE COMPOUND DM™ 3	132224 . . . . .	.H1
WHITE KNIGHT™ FOOD GRADE ANTI-SEIZE LUBRICANT	048235 . . . . .	.H1
WHITE LITHIUM GREASE WITH PTFE	137549 . . . . .	.H2
WHITE LITHIUM GREASE WITH PTFE (AEROSOL)	137550 . . . . .	.H2

US Government/Military Specification Reference

JET-LUBE® NO. 33	A-A-59173A SAE AMS-G-4343A
550® EXTREME	MIL-PRF-907E
550®	MIL-PRF-907E
769 LUBRICANT® AEROSOL	MIL-PRF-81309F, TYPE II AND III, CLASS 2, GRADE B A-A-50493C, CLASSB, TYPE II
769 LUBRICANT® BULK	MIL-PRF-81309F, TYPE II AND III, CLASS I MIL-C-16173E GRADE 3 A-A-50493C, CLASS B, TYPE I
ALCO-EP™ ECF™	MIL-PRF-18458C, TYPE I
ALCO-EP-73 PLUS™	MIL-PRF-18458C, TYPE I
EP WHITE GREASE	MIL-PRF-18458C, TYPE I
GRAPHITE PETROLATUM	SAE AMS2518D
KOPR-KOTE® AEROSOL	MIL-PRF-907E
KOPR-KOTE® ANTI-SEIZE	MIL-PRF-907E
MARINE WIRE ROPE AND HAWSER GREASE™	MIL-PRF-18458C, TYPE I
MOLY PETROLATUM.	MIL-PRF-83483D
NCS-30®	MIL-PRF-907E
NIKAL®	MIL-PRF-907E
NIKAL® NUCLEAR	MIL-PRF-907E NAVSEAINST 9210.36B
JET-LUBE® NUCLEAR NONMETALLIC	MIL-PRF-907E
PETRO-TAPE™	A-A-58092
RUST-GUARD™	MIL-16173E GRADES 1 AND 2
RUST-GUARD™ AEROSOL	MIL-16173E GRADES 1 AND 2
SILICONE COMPOUND DM™	SAE AS8660 (DM3) MIL-DTL-21567B (DM2)
SS-30™	MIL-PRF-907E
JET-LOK™ TL-71	ASTM D5363-03
JET-LOK™ TL-90	ASTM D5363-03
WHITE KNIGHT™	MIL-PRF-907E
ZINC DUST PETROLATUM	A-A-59313
Z-PLATE™	MIL-PRF-26915D
Z-PLATE™ AEROSOL.	MIL-PRF-26915D