



***JET-LUBE***<sup>®</sup>

***Industrial***

# JET-LUBE

A CSW Industrials Company

Performance Lubricants • Anti-Seize •  
Thread Compounds • Sealants



**e**xtreme  
Technology  
for **e**xtreme  
Conditions

Since 1949, Jet-Lube has been recognized as a world leader in manufacturing lubricants for oilfield, construction, water well and industrial maintenance customers worldwide. For extreme and demanding applications within industry, Jet-Lube focuses strongly on producing the highest quality valve lubricants, anti-seize, production and drilling compounds, thread and high-temp sealants, anaerobics, penetrants, and cleaners and degreasers.

Our family of products and services are sold worldwide through a distribution network committed to technical support and total customer satisfaction. Jet-Lube is headquartered in Rockwall, Texas, with a fully integrated manufacturing plant, leading-edge research and development center, training facility and corporate offices.

**Jet-Lube is ISO 9001 registered with facilities in the United States, Canada and United Kingdom.**



With more than 65 years of research with development, testing and manufacturing, Jet-Lube® has developed a broad line of grease products for Industrial, MRO, Marine, Food Grade and OEM applications. These products include Anti-Seize Compounds, EP Greases, Thread and High Temperature Sealants, Lubricants, Anaerobics, Penetrants, General-Purpose Lubricants and 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 ISO 9001 Certified with facilities in the United States, Canada and United Kingdom. Jet-Lube has earned its place as a worldwide 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

---

Industry Guide	2
Anti-Seizes	3
EP Greases	7
Thread Sealants	12
Lubricants	14
Anaerobics	16
Coatings & Penetrants	16
Cleaners & Degreasers	17
Specialty Products	18
NSF and Government Specific Guide	19
DEACON High Temperature Sealants	22
DEACON Sealants	23
DEACON Specialty Products	24

# Industry Guide

## Heavy Equipment

769 Lubricant	16
Magic Wrench Penetrant	16
550 Anti-Seize	4
Gear-Guard Lubricant Paste	14
EP Bearing Grease	7
TL-42 Threadlocker	16

## Utilities

Kopr-Kote Anti-Seize	4
769 Lubricant	16
SS-30 Anti-Seize	4
V-2 Thread Sealant	12
Rust-Guard Rust Inhibitor	16
DEACON 6328 Sealant Compound	23

## Food Processing & Handling

White Knight Anti-Seize	5
Silicone Compound DM Grease	10
Food Grade Silicone	18
FMG Food Machinery Grease	8
CC Lube Semi-Synthetic Grease	10
Magic Wrench Penetrant	19
Oven Chain Lubricant	18
769 Lubricant	16
DEACON PFPE Inert Lubricant	24
DEACON 327-RTV Adhesive	23

## Marine

769 Lubricant	16
Rust-Guard Rust Inhibitor	16
Marine Grade Anti-Seize	5
Marine-Moly	15
Marine-MP Grease	9
Marine Wire Rope & Hawser Grease	14
DEACON 8875-Thin Sealing Compound	22

## Plant Maintenance

Kopr-Kote Anti-Seize	4
550 Anti-Seize	4
769 Lubricant	16
Magic Wrench Penetrant	16
TL-42 Threadlocker	16
EP Bearing Grease	7
V-2 Thread Sealant	12
Jet-Lok II Epoxy	16
Clean-Up Cleaner & Degreaser	17
DEACON 7228 Gasket Sealant	23
DEACON 770 Sealing Compound	22
DEACON 427 Epoxy	24
DEACON 3100 Gasket Compound	23

## Petrochemical

550 Extreme Anti-Seize	4
550 Extreme All-Weather	4
TL-42 Threadlocker	16
769 Lubricant	16
TFW Thread Sealant	12
Rust-Guard Rust Inhibitor	16
DEACON 770 Sealing Compound	22
DEACON 3300 Gasket Compound	23
DEACON 8875-Thin Sealing Compound	22

## Construction

Jet-Lok II Epoxy	16
769 Lubricant	16
Magic Wrench Penetrant	16
550 Anti-Seize	4
Alco-EP-73 Plus Grease	8
TL-42 Threadlocker	16
Moly-Mist Dry Lubricant	18
DEACON 7228 Gasket Sealant	23
DEACON 327 Adhesive	23
DEACON 427 Epoxy	24

## Mining/Forestry

Kopr-Kote Anti-Seize	4
#202 Moly-Lith Grease	7
769 Lubricant	16
WRL Wire Rope Lubricant	14
OG-H Open Gear Lubricant	14
Gear-Guard Lubricant Paste	14
Clean-Up II Cleaner & Degreaser	17
Moly-Mist Dry Lubricant	18
TL-42 Threadlocker	16
Z-Plate Galvanizing Compound	16
Rust-Guard Rust Inhibitor	16
Jet-Lok II Epoxy	16
DEACON Mold-Pac Retainer Putty	24

## Aircraft/Aerospace/Military

V-2 Thread Sealant	12
Silicone DM Grease	10
Petrolatum Anti-Seize	5
769 Lubricant	16
Petro-Tape	13
Rust-Guard Rust Inhibitor	16
DEACON Mold-Pac Retainer Putty	24
DEACON PFPE Adhesive	24
DEACON 8875-Thin Sealing Compound	22

## Railroad

MP-50 Moly Paste	15
769 Lubricant	16
Gear-Guard Lubricant	14
OG-H Open Gear Lubricant	14
Magic Wrench Penetrant	16
Moly-Mist Dry Lubricant	18
Kopr-Kote Anti-Seize	4
TFW Thread Sealant	12



Jet-Lube anti-seize compounds are a family of premium products developed to protect and lubricate metal fasteners and parts from rust, corrosion, galling and metal-to-metal contact. All Jet-Lube 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 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 and alloy steel nuts and 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

## Anti-Seizes

### KOPR-KOTE®

#### Anti-Seize and Thread Lubricant

-65°F to 1800°F (-54°C to 982°C) • NSF H2 Registered • MIL-PRF-907F • Raytheon-Spec M8656839 Type I • 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.



### 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 and 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 it's specially suited for high nickel alloys as a thread lubricant.



### 550® EXTREME

#### Petrochemical-Grade Anti-Seize and Thread Lubricant

-65°F to 2400°F (-54°C to 1316°C) • MIL-PRF 907F • Raytheon Spec M8656839 Type II • Friction Coefficient (K-Factor) - 0.17 • Blend of Molybdenum Disulfide & Special Oxidation Resistant 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 protection against seizure and heat freeze, eases assembling and dismantling, and saves maintenance hours. This anti-seize lubricant 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 (MoS<sub>2</sub>), graphite, and low friction fillers, 550 EXTREME utilizes a complex grease base that is fortified with effective rust and corrosion inhibitors and inherent anti-wear properties.

As an added benefit, when compared to other anti-seize compounds containing greater than 40% molybdenum disulfide, the coefficient friction of 550 EXTREME is less sensitive to temperature.



### 550® EXTREME ALL-WEATHER

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

-65°F to 1200°F (-54°C to 648°C) • MIL-PRF-907F • Friction Coefficient (K-Factor) - 0.15 - .17 • Blend of Molybdenum Disulfide & Special Oxidation Resistant Graphite • No VOC

550 EXTREME ALL-WEATHER offers the same performance and package of solid lubricants, such as 550 EXTREME but with a new and advanced synthetic grease base carrier. This grease offers exceptional brushability down to 40°F/40°C and carries a flash point of over 500°F/260°C. For an anti-seize compound to work effectively, it needs to be properly applied to the threads. Standard petroleum oils will harden significantly below 10°F/-12°C making this application difficult. 550 EXTREME ALL-WEATHER's base grease is a blend of synthetic fluids with pour points no higher than -50°F/-46°C, thickened with a calcium sulfonate complex to provide better rust and corrosion protection. This unique combination makes for an excellent product in low temperature environments but equally as good in high temperatures.



### 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, grease base 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.



### SILVER PLUS REGULAR

#### Regular Grade Anti-Seize and Thread Lubricant

-65°F to 1800°F (-54°C to 982°C) • 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. Since the primary anti-seize particle is aluminum, it eliminates the potential for galvanic corrosion.



**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.



**NIKAL® NUCLEAR**

**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 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.



**MOLY PETROLATUM**

**Anti-Seize Compound**

-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 also provides corrosion protection for metal surfaces.



**GRAPHITE PETROLATUM**

**Anti-Seize Thread Compound**

-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.



**ZINC DUST PETROLATUM**

**Anti-Seize Compound**

-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 also provides corrosion protection for metal surfaces. A thin coating is all that is required to prevent seizing.



**WHITE KNIGHT™**

**Food Grade Anti-Seize Thread Lubricant**

-65°F to 1800°F (-54°C to 982°C) • Color - White • NSF HI Registered • 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. It 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.

Ideal for use on threaded fasteners for food processing equipment, threaded bottle filling heads, and baking oven chain drives. WHITE KNIGHT is also effective on stainless steel, aluminum, iron galvanized fittings and plastic/nylon components.



**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 grease base specially formulated for marine environments. It contains antioxidants and corrosion inhibitors to 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.



## Anti-Seizes

### 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	H2		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 and 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 and cast iron.
550 Extreme All-Weather	Exceeds MIL-PRF-907F	-65°F to 1200°F -54°C to 648°C	- 0.15 to - 0.17			A307, A449, A193/A193M, A320/A320M, F593, Ax563, A194/A194M, F594, F467, A153, B690, B696	Same performance and package of solid lubricants, such as 550 EXTREME but with a new and advanced synthetic grease base carrier. This grease offers exceptional brushability down to 40°F/40°C and carries a flash point of over 500°F/260°C.
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	0.146			A307, A354, A193/A193M, A320/A320M, F468, A563, F467	Micro-sized particles allow it to quickly and easily coat fine-threaded, small and large diameter fasteners.
Nikal	Exceeds MIL-PRF-907E	-65°F to 2600°F -54°C to 1427°C	0.15			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	0.15				Specially tested and 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	0.12				Contains MoS <sub>2</sub> 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 and cobalt alloys, and similar corrosion-resistant metals and 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, 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 & 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.

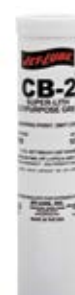


**CB-2™ SUPER-LITH**

**Multipurpose Grease**

Rating: 0°F to 300°F (-18°C to 149°C) • Protects Against Rust & 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 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 that have sliding or rolling friction and require a multipurpose grease. This grease can be used on oil drilling rigs, construction and road building equipment, mining and ship building activities, or wherever an exceptionally high-quality lubricant is needed.



**#202 MOLY-LITH™**

**Multipurpose Grease with Moly**

0°F to 350°F (-18°C to 177°C) • NLGI Grade 2 • Contains Molybdenum Disulfide (MoS<sub>2</sub>) for Friction Reduction & High Load Capacity • Superior Metal Adhesion • Pumpable • Resistant to Water, Heat, Weathering & Oxidation • Color - Black

#202 MOLY-LITH is a high temperature, lithium 12-hydroxystearate soap grease containing micro-fine molybdenum disulfide (MoS<sub>2</sub>). #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.



**WHITE LITHIUM GREASE**

**Premium Grease with PTFE**

Rating: 0°F to 450°F (-18°C to 232°C) • NSF H2 Rated • Color - White • Water Resistant • Prevents Rust & Corrosion • Pumpable • Resists Heat and Oxidation • NLGI Grade 2

WHITE LITHIUM GREASE with PTFE penetrates and forms a longlasting 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.



**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 & Oxidation • Color - Red • Available in 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.



**EP WHITE GREASE**

**Construction Grade Lithium Grease**

Rating: 0°F to 325°F (-18°C to 163°C) • Color - White • Nonstaining • High Temperature • Water Resistant • Anti-Corrosive • Nondrying • NLGI Grade 2

EP WHITE GREASE is specially formulated 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. This lithium grease is excellent for concrete assembly. The nonstaining 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.



## Aluminum Complex

### ALCO-EP-73 PLUS™

#### Premium Multipurpose Grease

-20°F to 450°F (-29°C to 232°C) • Superior Rust & 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, multi-purpose, 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. This multipurpose grease is extremely resistant to rust and corrosion and suited for use in high moisture areas. It's 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.



### ALCO-EP™

#### Premium Multipurpose Grease with Moly

-20°F to 450°F (-29°C to 232°C) • Protects Against Rust & Corrosion • Dropping Point - 500°F (260°C) • Protects Against Extreme Pressure, Shock Load, Welding & Scoring • Forms a Protective Barrier to Reduce Wear & 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 (MoS<sub>2</sub>) and graphite, which plate out to resist metal-to-metal contact.

This grease 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.



### 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 & 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.



### KILN GREASE HT™ Cont'd

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.

### FMG

#### Food Machinery Grease

0°F (-18°C) to over 400°F (204°C) • NSF HI Rated • 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.

FMG's 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.



## 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 & 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 the 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.



## Calcium/Lithium

### 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.



## Bentone

### AP-1W™ High-Temp White Grease

-20°F to 550°F (-29°C to 288°C) • Protects Against Rust & Corrosion • Prevents Wear • Highly Adhesive to Metal • Resistant to Water • Superior Storage Life • Color - Off White

AP-1W 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 contains oxidation inhibitors, corrosion inhibitors and metal deactivators. It offers positive protection for extreme services, which require heavy-duty lubricant performance.

AP-1W 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.



## Bentone

### AP-1™ High-Temp Amber Grease

0°F to 550°F (-18°C to 288°C) • Protects Against Rust & Corrosion • Prevents Wear • Highly Adhesive to Metal • Resistant to Water • Superior Storage Life • Color - Clear Amber

AP-1 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 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 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.



### AP-5™ High-Temp Black Grease

20°F to 550°F (-29°C to 288°C) • Protects Against Rust & Corrosion • Prevents Wear • Highly Adhesive to Metal • Resistant to Water • Superior Storage Life • Color - Black

AP-5 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 contains oxidation inhibitors, corrosion inhibitors and metal deactivators. It offers positive protection for extreme services, which require heavy-duty lubricant performance.

AP-5 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 (MoS<sub>2</sub>) to yield high film strength with a low coefficient of friction. AP-5 resists fretting corrosion and is suitable for use in plain and anti-friction ball and roller bearings. This grease 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 is especially recommended for lubrication points prone to neglect such as motors, high temperature blowers, fans and oven conveyors.



## EP Greases

### 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 & 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.



#### CC LUBE

##### Semi-Synthetic Multipurpose Lubricant

0°F (-18°C) to 400°F (204°C) • NSF HI Rated • 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.

This lubricant 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.



### Silicone

#### SILICONE COMPOUND DM™

##### Dielectric Grease

NSF HI Registered #132224 (DM-3), #132225 (DM-2) • Water Resistant • Nontoxic/Safe • Wide Temperature Range • Extremely Chemical Resistant • Translucent Paste • Highly Resistant to Oxidation & 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.



#### MP SILICONE GREASE

##### Nonconductive Grease

Will not Carbonize at High Temperatures • NSF HI 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.



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, and 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	Contains 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 & Hawser 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	6I	Retards bacterial and fungal growth.
Arctic	Calcium	Amber	-65°F to 225°F -54°C to 107°C		2			Effective in extreme cold.
Marine-MP	Calcium/Lithium	Purple	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	6I	Colorless, nonstaining and biodegradable.
Silicone Compound DM	Silicone	Translucent	-70°F to 400°F -57°C to 204°C		2		6I	Comparable to Dow Corning® III Compound.
MP Silicone Grease	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	6I	Comparable to Dow Corning® 4 Compound and Dow Corning® 7 Compound.

## 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 vibration loosening, solvent evaporation, damaged threads and temperature cycling. All sealants are specially manufactured to meet plumbing codes for use in natural gas applications, fire sprinkler system installations and general purpose applications for threaded plastic pipe.

### **V-2®** **Multipurpose Pipe Thread Sealant with PTFE**

-Rated: 70°F to 500°F (-57°C to 260°C) • NSF 61 Certified • #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. It's 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 bacteria/fungistat which is a food grade additive that will eliminate bacterial culturing.



Certified to  
NSF STD 61  
No. C0071457

### **TFW™** **PTFE Fire Sprinkler, Pressurized Air and Natural Gas Pipe Thread Sealant**

Rated: -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 with ABC is used. This special formula is ideal for fire sprinkler applications where glycol testing is required. TFW 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.



## TF-25™

### Line Pipe and NPT Thread Sealant and Anti-Seize

Rated: -100°F to 600°F (-73°F to 316°C)

- Contains PTFE & Graphite • Brushable to 0°F
- Soft Setting & 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.



## TF-15®

### Fiberglass Pipe Thread Sealant

Rated: -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 in this sealant do not interfere with connection assembly, thus allowing full thread engagement to create 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 backflow 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 highly corrosive materials that would corrode metal piping.

## 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, 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, when correctly applied, will not tear or ball up in the threads during assembly which can cause leak patterns to develop.



## 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, 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 CORTitle 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. Two wrap application.

# 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 cause 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.



## WRL™ 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. This lubricant is highly resistant to rain and salt water atmospheres, and ideally suited for offshore cranes and lashing lines. WRL is formulated with rust and corrosion additives so it's 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.



## WLD™ Wire Rope, Cable and Roller Chain Dressing & Lubricant

Non-Melt Grease Base • -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. It's ideally suited for spooling applications where pneumatic lubricators are present for applying wire rope lubricants. WLD's special blend of rust and corrosion inhibitors will eliminate oxidation and is UV protected. It 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 dragline applications and as a lubricant for wire line guides and sheaves. WLD has the ability to penetrate in a working environment, protecting the inner core strands of the cable or rope.



## 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 a brush or swab.

MARINE WIRE ROPE & HAWSER GREASE is recommended for all marine hawser and related elevator hoists, rig anchor cables, or any rope that operates in harsh offshore environments.



## 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 are ideal for open, outdoor surfaces. OG-H is specially formulated for gears, gearboxes, trunnion rollers and thrust rollers. OG-H is for gears that drive large kiln drying units.

OG-H is a brushable and 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.





## Lubricants for Open Gear and Wire Rope Applications

### MP-50™

#### Multipurpose Non-Melting Moly Paste

- 50% Moly Paste • Brushable • Color - Black
- Rating: -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.



### MARINE-MOLY

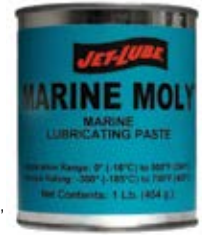
#### Molybdenum Disulfide Paste

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

MARINE-MOLY is a specially formulated Molybdenum Disulfide (MoS<sub>2</sub>) 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 and arms, marine transmission gears, open spur gears and sliding bases.



### Lubricants for Open Gear and Wire Rope Applications

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 and non-tacky film.
Marine Wire Rope & Hawser Grease	-300°F to 325°F -184°C to 163°C		Beige		Yes	Economical, high-performance lubricant.
MP-50	-300°F to 750°F -184°C to 399°C	2.5	Blue to Black			“Plates” metal surfaces.
Oven Chain Lubricant	-25°F to 350°F -32°C to 177°C		White	HI	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.

## Anaerobics

### JET-LOK® TL-42 Removable Threadlocker

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

JET-LOK TL-42 is a 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.



### JET-LOK® II Two-Part Epoxy

JET-LOK II, two-part epoxy with metallic fillers can be used to permanently lock threaded connections. It's ideal 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).



## Coatings & Penetrants

### 769 LUBRICANT® Nonflammable Penetrant/ Lubricant/Moisture Displacer/ Protectant

NSF H2 Rated • 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 leading lubricating, penetrating, moisture displacing, and corrosion preventative coating on the market. 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.



### Z-PLATE™ Zinc-Rich Galvanizing Compound

Fast Evaporating • Color - Grey • Cone Spray Water Displacing • Dry Film • Long-Term Coating • 95% Pure Metallic Zinc • Rust & Corrosion Inhibited

Z-PLATE Prevents: Rust and corrosion with galvanic action equal to hot-dip galvanizing. 95% pure zinc compound which forms a tough, durable and flexible coating.

Z-PLATE Repairs: Galvanized surfaces damaged by cutting or welding. Primer for surfaces to be painted. Protects against salt water. It requires little surface preparation. Z-PLATE is excellent for cosmetic repairs to welded joints, guard rails, bridges, fencing, storage tanks, pipe lines, TV towers, metal buildings, heavy equipment, heat ducts, marine and offshore equipment.



### RUST-GUARD™ Corrosion Inhibitor

Contains No Fluorocarbons • Indoor & 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. RUST-GUARD's 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 CLEAN-UP™.



### MAGIC WRENCH™ Super Penetrant

NSF H1 Rated • -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. Its versatile, synthetic formula penetrates, lubricates, removes moisture and protects chains, cables, slides and other moving parts. MAGIC WRENCH is excellent for both food grade and non-food grade applications.



## CLEAN-UP™

### Industrial Cleaner & Safety Solvent

NSF K1 Rated • Nonflammable • 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.



## 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.



## CLEAN-UP PLUS™

### Citrus Degreaser

NSF C1 Rated • Replaces 1:1:1 Trichloroethane • Nonflammable Propellant • Natural Organic Formula • Ozone Friendly • Biodegradable • 29KV Dielectric Strength

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



## 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 K2 Registered

PS TERMINAL is 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 Methacryl (Acrylic Resin). Test in an inconspicuous area before using.



## EASY-CLEAN® LIQUID

### Alkaline-Based Concentrate

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

EASY-CLEAN LIQUID is 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. It 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 on the market 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 a 5-gal. pail of EASY-CLEAN LIQUID with water in a 55-gal. drum.



## Specialty Products

### 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

RUBBER LUBRICANT and mold release agent is a multipurpose, environmentally safe silicone product that provides unsurpassed performance. It 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, 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. RUBBER LUBRICANT is excellent for all metal, plastic, and rubber castings. It will not melt or gum.



### OVEN CHAIN LUBRICANT

#### Viscosity Lubricant

NSF H1 Rated • -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.



### 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, waterproofs and protects while being odorless, tasteless and nonstaining. EMS stops sticking, squeaking and binding of moving parts. It's 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.



### MOLY-MIST™

#### MoS<sub>2</sub> 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, stickslip, fretting, corrosion and metal-to-metal contact. It reduces torque and power consumption. MOLY-MIST can be applied while equipment is in motion, it deposits a coating of MoS<sub>2</sub> 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.



### FOOD GRADE SILICONE

#### Food Grade Lubricant

NSF H1 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. It has an excellent release agent. FOOD GRADE SILICONE will not gum or form unwanted residues, instead it leaves a clear film that is moisture resistant, long-wearing, odorless, colorless and nontoxic.



NSF and Government Spec Guide

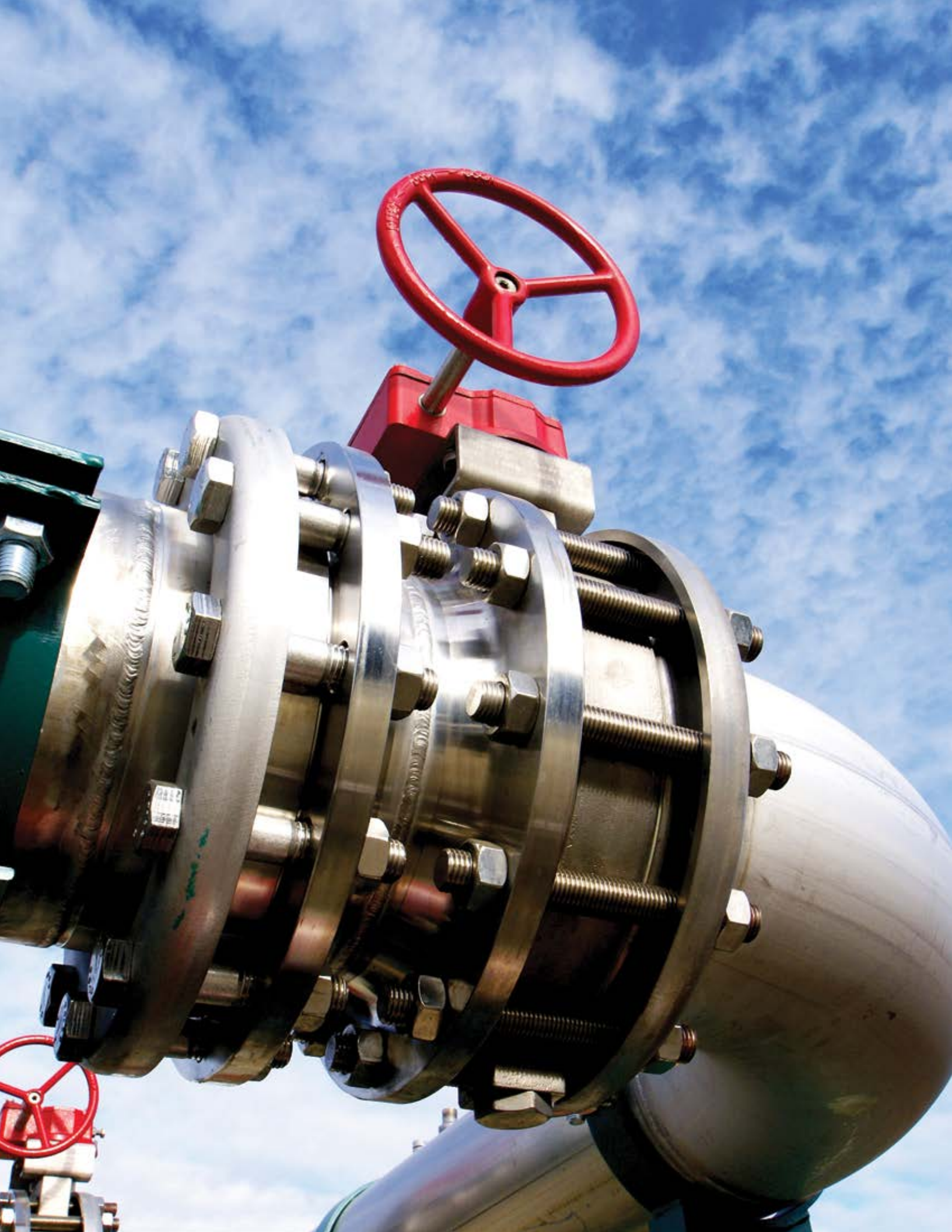
www.nsf.org/usda/listings.asp



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
CLEAN UP PLUS™ . . . . .	144906 . . . . .	.C1
V-2® . . . . .	121265 . . . . .	.P1
MP SILICONE GREASE . . . . .	127362 . . . . .	.H1
769 LUBRICANT® . . . . .	137551 . . . . .	.H2
769 LUBRICANT® (AEROSOL) . . . . .	137644 . . . . .	.H2
KOV'R KOTE® . . . . .	127360 . . . . .	.H2
KOPR-KOTE® . . . . .	120923 . . . . .	.H2
MAGIC WRENCH™ (AEROSOL) . . . . .	048230 . . . . .	.H1
MAGIC WRENCH™ (BULK) . . . . .	048231 . . . . .	.H1
NCS-30® . . . . .	139876 . . . . .	.H2
OVEN CHAIN LUBRICANT . . . . .	113601 . . . . .	.H1
PS TERMINAL™ . . . . .	136910 . . . . .	.K2
SILICONE COMPOUND DM™ 2 . . . . .	132225 . . . . .	.H1
SILICONE COMPOUND DM™ 3 . . . . .	132224 . . . . .	.H1
WHITE KNIGHT™ . . . . .	048235 . . . . .	.H1
WHITE LITHIUM GREASE . . . . .	137549 . . . . .	.H2
WHITE LITHIUM GREASE (AEROSOL) . . . . .	137550 . . . . .	.H2

US Government/Military Specification Reference

550® . . . . .	MIL-PRF-907E
550® EXTREME . . . . .	MIL-PRF-907E, Raytheon Spec M8656839 Type II
550® EXTREME ALL-WEATHER . . . . .	MIL-PRF-907F
769 LUBRICANT® AEROSOL . . . . .	MIL-PRF-81309F, TYPE II AND III, CLASS 2, GRADE B A-A-50493C, CLASS B, 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, Raytheon Spec M8656839 Type I
KOPR-KOTE® ANTI-SEIZE . . . . .	MIL-PRF-907E, Raytheon Spec M8656839 Type I
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
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
WHITE KNIGHT™ . . . . .	MIL-PRF-907E
ZINC DUST PETROLATUM . . . . .	A-A-59313
Z-PLATE™ . . . . .	MIL-PRF-26915D
Z-PLATE™ AEROSOL . . . . .	MIL-PRF-26915D



# **DEACON**<sup>®</sup> High Temperature Sealants and

*Injectable Packings for the industrial market include, high-temp thread and flange applications covering a wide range of pressures, temperatures, process steams and types of equipment. Our extensive product line is formulated to meet the needs of a diverse range of industries, from iron and steel producers, pulp and paper manufacturers, power generators, pipelines and oil refineries to wastewater treatment plants and petrochemical producers.*

*deaconindustries.com*

*DEACON is a product line of Jet-Lube.*

# DEACON High Temperature Sealants - MRO / OEM Products

## Flange and Thread Sealants

### DEACON® 770-L

#### Thermal Reactive Liquid Sealing Compound

DEACON 770-L is a heat curing liquid sealant that is used in high temperature and high pressure applications. Specially designed to be a thread sealant or gasket dressing, 770-L will flow to fill small voids and surface irregularities. The proprietary formulation allows 770-L to be used as the only sealant on low-tolerance metal-to-metal joints. 770-L will not cement the joints together or interfere with future repairs. In the presence of heat, 770-L will form a mechanical-type seal against steam, oils, solvents, hydrocarbons and a variety of chemicals.

Applications: Threaded fittings, turbine split casing, any metal-to-metal joints, pump casing, leaking gaskets, boilers, steam traps and pressure vessels.

Rating: 200°F (93°C) to 950°F (510°C), Up to 11,000 psi (758 bar)



### DEACON® 770-P

#### Thermal Reactive Paste Sealing Compound

DEACON 770-P is a heat curing paste sealant that is used in high temperature and high pressure applications. Specially designed to be a flange or thread sealant, 770-P can also be used as a dressing on any type of traditional fabricated gasket. Unaffected by thermal cycling, 770-P will not cement joints together or interfere with future repairs. In the presence of heat, 770-P will form a mechanical-type seal against steam, oils, solvents, hydrocarbons, and a variety of chemicals.

Applications: Threaded fittings, turbine split casing, any metal-to-metal joints, pump casing, leaking gaskets, boilers, access doors, steam traps, stacks, heat exchangers and pressure vessels.

Rating: 200°F (93°C) to 950°F (510°C), Up to 11,000 psi (758 Bar)



### DEACON® 4011

#### Thermal Reactive Liquid Sealing Compound

DEACON 4011 is heat curing liquid sealing compound used in high temperature and high pressure applications. In the presence of heat, 4011 will form a mechanical-type seal that is unaffected by thermal cycling. This compound will not cement joints together so, it will not interfere with future repairs of metal-to-metal joints. 4011 will achieve a leak-free seal on similar or dissimilar mating surfaces in steam, hot air, oil, or various chemical environments.

Applications: Threaded fittings, turbine split casing, any metal-to-metal joints, pump casing, leaking gaskets, boilers, steam traps and pressure vessels.

Rating: 600°F (315°C) to 1350°F (732°C), Up to 11,000 psi (758 Bar)



### DEACON® 4011-P

#### Thermal Reactive Paste Sealing Compound

DEACON 4011-P is a heat curing paste sealing compound used in high temperature and high pressure applications. In the presence of heat, 4011-P will form a mechanical-type seal that is unaffected by thermal cycling. This compound will not cement joints together, so it will not interfere with future repairs of metal-to-metal joints. 4011-P will achieve a leak-free seal on similar or dissimilar mating surfaces in steam, hot air, oil, or various chemical environments.

Applications: Threaded fittings, turbine split casing, any metal-to-metal joints, pump casing, leaking gaskets, boilers, access doors, steam traps, stacks, heat exchangers, and pressure vessels.

Rating: 600°F (315°C) to 1350°F (732°C), Up to 11,000 psi (758 Bar)



### DEACON® 8875-THIN

#### Thermal Reactive Paste Sealing Compound

DEACON 8875-THIN is a heat curing paste sealant for flange faces, gaskets, and threads. Designed for the most extreme temperature applications, 8875-THIN will form a mechanical-type seal that is unaffected by thermal cycling in hot air, steam, hydrocarbons, and various chemical environments. 8875-THIN will not cement the flanges or threads together, allowing easy disassembly for future repairs. 8875-THIN will flow to fill small voids and surface irregularities, thus, creating a seal between the flange and gasket all while prolonging the life of the gasket.

Applications: Threaded fittings, exhaust systems, turbines, ductwork, any metal-to-metal joints, pump casing, gaskets, boilers, access doors, steam traps, stacks, heat exchangers, and pressure vessels.

Rating: 150°F (65°C) to 1800°F (982°C), Up to 5,000 psi (345 Bar)



### DEACON® 8875

#### Thermal Reactive Paste Sealing Compound

DEACON 8875 is a thick, fibrous, heat curing paste sealant and refractory hybrid designed for extreme temperature applications. In the presence of heat, 8875 will expand and form a mechanical-type seal that is not weak and brittle like ceramics. While 8875 expands, it will flow to fill any surface pits, steam cuts, or gaps caused by irregularities or warpage. Ideal for use as a gasket dressing or to replace a gasket, 8875 will not cement the flanges together or interfere with future maintenance. On any application involving pipeline or containment vessels, 8875 will achieve a leak-free seal against hot air, steam, hydrocarbons and various chemical environments.

Applications: Exhaust systems, turbines, ductwork, any metal-to-metal joints, gaskets, access doors, heat exchangers and pressure vessels.

Rating: 500°F (260°C) to 1800°F (982°C), Up to 5,000 psi (345 Bar)





## Sealing Compounds

### DEACON® 3100

#### Extruded Gasket Compound

DEACON 3100 is an extruded putty-like joint sealant that can be used with or without a fabricated gasket, thus eliminating the need to inventory various gasket sizes and types. 3100 is fully compressible to 0.002 and will conform to any surface pits, steam cuts, or gaps caused by irregularities or warpage. Ideal for a gasket replacement, 3100 will achieve a leak-free seal on similar or dissimilar mating surfaces in steam, hot air, or various chemical environments. It's well suited for use on any application involving pipeline or containment vessels that direct the flow of numerous industrial substances in gaseous, liquid, or solid form. 3100 cures to a flexible leather-like consistency and will not cement joints together.

Applications: Flange surfaces on ducts, heat exchangers, blowers, pumps, access doors, compressors, boilers, stacks, exhaust systems, pressure vessels, and turbines.

Rating: 200°F (93°C) to 950°F (510°C), Up to 1500 psi (103 Bar)



### DEACON® 3300

#### Extruded Gasket Compound

DEACON 3300 is an extruded putty-like joint sealant that can be used with or without a fabricated gasket, thus eliminating the need to inventory various gasket sizes and types. 3300 is fully compressible to 0.002 and will conform to any surface pits, steam cuts, or gaps caused by irregularities or warpage. Ideal for a gasket replacement, 3300 will achieve a leak-free seal on similar or dissimilar mating surfaces in steam, hot air, or various chemical environments. It's well suited for use on any application involving pipeline or containment vessels that direct the flow of numerous industrial substances in gaseous, liquid, or solid form. 3300 cures to a flexible leather-like consistency and will not cement joints together.

Applications: Flange surfaces on ducts, heat exchangers, blowers, pumps, access doors, compressors, boilers, stacks, exhaust systems, pressure vessels, and turbines.

Rating: 600°F (315°C) to 1600°F (871°C), Up to 1500 psi (103 Bar)



### DEACON® 7228

#### Thread / Gasket Sealant Paste

DEACON 7228 is a viscous paste sealant designed for use on threaded fittings, flanges, and gasket applications. Slow drying and flexible setting, 7228 improves reliability, extends gasket life and stops leakage. It's ideal for applications involving heat transfer fluids, natural gas, water, sour service fuel gas, motor oil, gasoline, steam, ethylene glycol, various hydrocarbon gases and other chemical processes.

Applications: NPT connections, compressors, valve cover gaskets, wellhead flanges, hose connections, pump casings, mud motor threads, and any metal-to-metal joints.

Rating: -25°F (-32°C) to 450°F (232°C), Up to 10,000 psi (689 Bar)



### DEACON® 6328

#### 2-Part Rubber Sealant Compound

DEACON 6328 is a two-part rubber sealant compound with strong adhesion and excellent dielectric properties. Cures in 30 minutes at 70°F (21°C) and remains flexible. Chemically resistant to gasoline, solvents, transformer oil, hydrocarbons, alcohols, sodium hydroxide (50%), HF acid (under 25%) and water. 6328 provides a flexible rubber seal where standard silicone caulks cannot perform due to harsh chemical environments.

Applications: Threaded connections, compressors, pump casings, ducts, access doors, gearboxes, and any mating surfaces.

Rating: -50°F (-45°C) to 230°F (110°C)



### DEACON® 327-RTV

#### One-part Acetoxy Cure Adhesive

DEACON 327-RTV is suitable for general industrial sealing and adhesive applications. This one-part rubber sealant will adhere to clean metal, glass, many types of wood, silicone resins, vulcanized silicone rubber, ceramics and plastic surfaces. 327-RTV has good resistance to weathering, vibration, moisture, and ozone. Meets or exceeds the following specifications: USDA for use in federally inspected meat and poultry plants. FDA Regulation No.21 CFR 177.2600, TT-S-00230C (COM-NBS) Class A, and TT-S-001543A (COM-NBS) Class A, Canadian I9-GP-9MA Type I and MIL-A-46106.

Applications: Ducts, cracks, vents, fixtures, piping, door joints, machinery compartments, electrical controls, motors, fans, oven doors, appliances, formed-in-place gasket for gearboxes, compressors, and pumps.

Rating: -60°F (-51°C) to 500°F (260°C)



### DEACON® 329-RED

#### One-part Acetoxy Cure Adhesive

DEACON 329-RED is suitable for general industrial sealing and adhesive applications. This one-part rubber sealant will adhere to clean metal, glass, many types of wood, silicone resins, vulcanized silicone rubber, ceramics and plastic surfaces. 329-RED has good resistance to weathering, vibration, moisture, and ozone. Meets or exceeds the following specifications: USDA for use in federally inspected meat and poultry plants. FDA Regulation No.21 CFR 177.2600, TT-S-00230C (COM-NBS) Class A, and TT-S-001543A (COM-NBS) Class A, Canadian I9-GP-9MA Type I and MIL-A-46106.

Applications: Ducts, cracks, vents, fixtures, piping, door joints, machinery compartments, electrical controls, motors, fans, oven doors, appliances, formed-in-place gasket for gearboxes, compressors, and pumps.

Rating: -60°F (-51°C) to 600°F (315°C)



# DEACON Specialty Products

## DEACON® MOLD-PAC Casting Retainer Putty

DEACON MOLD-PAC is an asbestos-free damming, molding and positioning putty. It's designed for vibration suppression, positioning delicate parts, or as a damming compound for pouring Babbitt, epoxies, dielectric fluids\*, and various molten materials\*\*. MOLD-PAC remains flexible, is easily packed in place, holds tight, can be quickly removed, and reused.

\*MOLD-PAC EDM is recommended for mineral oil and other dielectric fluids. \*\*MOLD-PAC HD is recommended for molten zinc.

Applications: Suppressing vibration on parts during fabrication, crushers, wire EDM, damming zinc, retaining a pool of epoxy, pouring Babbitt bearings, and filling voids.

Rating: Up to 1200°F (649°C)



## DEACON® 427 2-Part Epoxy

DEACON 427 Two Part Epoxy has a one to one mix ratio and cures at room temperature, 65°F (18°C) to 70°F (21°C), within 24 hours. Heat curing is also an option for faster set up time and increased temperature resistance. Available in liquid mix (pourable), medium mix (pumpable), or fibered mix (trial on). 427 offers unsurpassed strength and chemical resistance to acids, caustics, fuels and various harsh chemicals. This solvent-free epoxy has low shrinkage characteristics, while maintaining an ultimate tensile strength of 7,500 PSI (liquid mix).

Applications: Filling voids, corrosion resistance, concrete stabilization, and joint locking.

Rating: 70°F (21°C) to 400°F (204°C)



## DEACON® PFPE GREASE Chemically Inert Lubricant

DEACON PFPE GREASE is a nonflammable, nontoxic, PTFE thickened perfluorinated polyether fluid that provides optimum oxidation resistance at temperatures up to 500°F (260°C). PFPE GREASE has unmatched chemical and solvent resistance, excellent electrical and radiation resistance, and is compatible with nearly all elastomers and plastics. Due to its extreme resistance, PFPE GREASE can be utilized in such services as oxygen and chlorine where other lubricants would spontaneously combust as well as gasoline, benzene, and xylene, that easily wash away other lubricants.

Applications: Oxygen systems, o-ring lubrication and protection, food processing canning and textile equipment, valve, gasket and bolt applications with rail cars, equipment lubrication, cryogenic apparatuses, and pneumatic systems.

Rating: 0°F (-18°C) to 500°F (260°C)



## DEACON® 275-CHLORINE Chemically Inert Thread Sealant

DEACON 275-CHLORINE is a non-hardening, non-reactive, hydrocarbon free, self-lubricating thread sealant. Formulated to be corrosion inhibiting, non-migrating, and odorless, 275-CHLORINE contains no solvents and has excellent anti-seize properties. It's designed for use on chlorine, aggressive chemicals, and powerful oxidizers.

Applications: Threads on chlorine systems, pumps, valves, medical equipment, and other apparatuses.

Rating: -50°F (-45°C) to 400°F (204°C), Up to 10,000 psi (689 Bar)



*J*et-Lube<sup>®</sup> has been a leader in the development

*and manufacturing of high quality grease products since 1949.*

*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.*