

# www.jetlube.com

The place to go to get MSDS and TDS sheets, new product information, company news and key product information.



# "It's not just a slogan, it's who we are."

JET-LUBE Water Well, Environmental, and Horizontal Directional Drilling products have been long recognized as the industry standard. Whether the products are thread compounds or thread sealants used on drill pipe collars, stabs, subs, wire and cable, or those products used on pumps, compressors, potable water connections, etc., JET-LUBE products have been "tested tough" on rigs and jobsites all over the world. Every JET-LUBE product is meticulously researched, developed, manufactured, and inspected to the industry's most comprehensive and rigorous quality control standards-standards augmented by ISO 9001 CERTIFICATION in 1993 for our Houston, Edmonton and JL-UK manufacturing facilities.

JET-LUBE leads the industry in the development of NSF Compliant products for drilling, production and lubrication applications that are proven environmentally compliant, while exceeding all expectations for performance. Our work in the industry for environmental products has led to the development of new anti-seize and drilling compounds that address application compatibility and worker environment. Started in the 1980's, our work continues today to develop products that perform to customers' expectations while addressing the concerns for the environment. After years of reformulation and testing, IET-LUBE has established itself as the leader in the production of NSF compliant and environmentally safe products for industries worldwide.

# **Table of Contents**

Drill Pipe Compounds	2
Environmentally Safe "Green" Products	3
Thread Sealants	[
Specialty Products	-
Mining, Construction and Blast Hole Drilling	
Horizontal Directional Drilling	
Drilling Accessories	П

JET-LUBE has long been a member and active supporter of the NATIONAL GROUND WATER ASSOCIATION (NGWA), and is an active member of the NATIONAL DRILLING ASSOCIATION (NDA), the AUSTRALIAN DRILLING INDUSTRY ASSOCIATION (ADIA), as well as numerous other industry related groups.

# Kopr-Kote® Premium Drill Collar & Tool Joint Compound

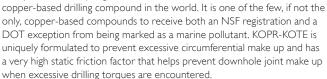
Service rating: Standard: 0°F (-18°C) to 450°F

(232°C) • Thermal: 0°F (-18°C) to 700°F (370°C) • Arctic: -65°F (-55°C) to 300 °F

(149°C) • NSF H2 • Dropping Point: 450°F

(232°C)• Not classified as a marine pollutant

KOPR-KOTE Drill Collar and Tool Joint Compound is widely regarded as the best



10050 – 14 oz. Cartridge, 10023 – 1 gal. Pail, 10012 – 2 gal. Pail, 10015 – 5 gal. Pail, 10029 – 50 gal. Drum



Service rating: Standard:  $0^{\circ}F$  (- $18^{\circ}C$ ) to  $450^{\circ}F$  (232°C) • Thermal:  $0^{\circ}F$  (- $18^{\circ}C$ ) to  $700^{\circ}F$ 

(370°C) • Arctic: -65°F (-55°C) to 300°F

(140°C) • Not classified as a marine pollu

(149°C) • Not classified as a marine pollutant • DOT approval CA2006100003 • Lead, zinc

and PTFE free • Rust & corrosion inhibited formula • Excellent resistance to make up

down-hole • Stick to wet joints • Conforms

to the API RP7G make-up charts • High temp Complex grease base • High dropping point  $>450^{\circ}\text{F}$  • Friction factor 1.15

JET-LUBE 21 Tool Joint Compound is a high-quality product designed for less severe applications than KOPR-KOTE. It is formulated to prevent excessive circumferential make up of tool joints, and protects against galling and high stress to prolong thread and shoulder life. JET-LUBE 21 is designed for use as a tool joint compound for consistent control of make-up and breakout. It may also be used on collars in less severe drilling conditions. Not marked as a marine pollutant per the DOT.

10923 - 1 gal. Pail, 10912 - 2 gal. Pail, 10915 - 5 gal. Pail

# JLS® Tool Joint Compound

Service rating: Standard: 0°F (-18°C) to 450°F (232°C) • Thermal: 0°F (-18°C) to 700°F

(149°C) • Lead Free • Zinc Free •

Formulated with a proprietary blend of copper flake, graphite, and other inorganic additives for protection and prevention of excessive circumferential makeup of tool joints in average drilling conditions • Unique

high temperature grease base with brusability over a wide temperature range • Sticks to wet joints • Low sulfur content • Consistent rig floor makeup • Resistance to further makeup downhole in medium drilling • Available in Arctic and Thermal base

JLS Tool Joint Compound is economical and contains premium-grade copper flake, amorphous graphite, extreme-pressure additives, rust and corrosion inhibitors, and other special-purpose ingredients at lower doses to be used in less severe drilling applications. JLS is recommended for use on tool joints in drilling medium depth formations. It provides consistent control of make up, break out, galling, and seizure.

11923 — 1 gal. Pail, 11912 — 2 gal. Pail, 11915 — 5 gal. Pail



21

### Jet-Lube® Extreme® Mud Resistant Tool Joint and Drill Collar Compound

Service rating: 0°F (-18°C) to 450°F (232°C) • Not classified as a marine pollutant • DOT approval CA2006100003 • Highly resistant to high PH drilling muds • Brushable and stable over a wide temperature range • Rust & corrosion inhibited formula • Excellent resistance to make up down-hole • Sticks to wet joints • Conforms to the API RP7G



make-up charts • High temp Complex grease base • High dropping point  $>450^{\circ}\text{F}$  • Friction factor 1.15

This premium compound offers superior adhesion and prevents excessive make-up while protecting your string from invert or high-pH muds used in more severe drilling situations. Lead and zinc free, EXTREME incorporates JET-LUBE's newest, most advanced high-temp complex base grease for brushability and stability over a wide temperature range.

11423 - 1 gal. Pail, 11413 - 2.5 gal Pail, 11415 - 5 gal. Pail

# **Eco-Safe**<sup>™</sup> Drilling Compound

Rated: -20°F (-29°C) to 500°F (260°C) • Excellent performance on high-chrome or nickel alloys • Contains no metals • NSF H2 Registered • Nontoxic • High film strength • High frictional properties





14523 — 1 gal. Pail, 14512 — 2 gal. Pail, 14515 — 5 gal. Pail



# **Environmentally Safe Green Products**

#### Eco-Safe™

### **Drilling Compound**

Rated: -20°F (-29°C) to 500°F (260°C) • Excellent performance on high-chrome or nickel alloys • Contains no metals • NSF H2 Registered • Nontoxic • High film strength • High frictional properties

#### NSF/ANSI Standard 61 Certified

ECO-SAFE provides excellent protection against seizing and galling and can be used for pipe joints or thread connections. ECO-SAFE is an entirely metal-free compound containing

is an entirely metal-free compound containing carbon-based fibers and additives and other extremepressure and anti-wear additives. These are blended into JET-LUBE's complex base grease. This new base grease offers the additional advantage of superior adhesion to wet steel surfaces, and resistance to water wash-off.

14523 - 1 gal. Pail, 14512 - 2 gal. Pail, 14515 - 5 gal. Pail



### **Monitor Well Drill Compound**

Rated: -10°F (-23°C) to 400°F (204°C) •
Petroleum hydrocarbon-free • Biodegradable
• Hydrocarbon resistant • Corrosion

resistant • Vegetable and synthetic base • Nontoxic • Chemically stable • Pumpable



Designed for monitor wells, this fully synthetic, hydrocarbon-free drill compound maintains the integrity of core samplings in environmentally sensitive test locations.

WELL-GUARD provides maximum thread protection and prevents seizing.

18572 – 1 pt. Plastic Jar, 18523 – 1 gal. Pail, 18515 – 5 gal. Pail



WELL-GUARD

# Bullseye<sup>™</sup> Water Well & Environmental Drilling Compound

Brushable from 20°F (-7C) to 400°F (204°C)
• Hydrocarbon Free • Corrosion Inhibited • Nontoxic • Biodegradable • Sticks to wet steel • Color - Yellow • All Weather formula
• Service rating 20°F (-7°C) to 400°F (204°C) • Vegetable-Based Fluid



#### NSF/ANSI Standard 61 Certified

Designed for applications that prohibit the use of petroleum hydrocarbons, BULLSEYE contains a blend of vegetable oil and nonmetallic, inorganic, EP and anti-wear additives. Provides maximum protection against galling, seizing, and thread damage while maintaining well integrity. Hydrocarbon free, water and drilling mud resistant, and biodegradable.

66823 - 1 gal. Pail, 66812 - 2 gal. Pail

#### RD-N®

## Rock Drill and Wire Rope Oil

Pour point rated: -25°(-32°C) Flash Point Rated: 430°F (221°C) • Petroleum hydrocarbon free • Nonmetallic • Cools while lubricating • Chemically stable • High film strength • Superior lubricity • Prevents rust and corrosion



#### NSF/ANSI Standard 60 Certified

A premium, hydrocarbon-free synthetic formula lubricant that is excellent for rock drills, other pneumatic equipment, and wire rope cables used in environmentally sensitive areas. Exceeds all current EPA guidelines.

 $18033 - 1 \, \mathrm{gal. \, Jug, \, 18035 - 5 \, gal. \, Jug, \, 18031 - 50 \, \mathrm{gal. \, Plastic \, Drum}}$ 

# **NSF Certified products include:**

Eco-Safe	NSF-61	Drilling Compound
Well-Guard	NSF-61	Water Well & Environmental Drilling Compound
RD-N	NSF-60	Rock Drill & Wire Rope Oil
Kopr-Kote	NSF	Drilling Compound
V-2	NSF/ANSI-61	Multi-Purpose Thread Sealant
NCS-30	NSF	Drilling Compound
White Knight	NSF	Food Grade Anti-seize
769	NSF	Lubricant/Penetrant
Magic Wrench	NSF	Super Penetrant
Clean-Up	NSF	Degreaser

For a complete listing of all Jet-Lube NSF compliant products, please visit our website at **www.jetlube.com**.





# **Environmentally Safe Green Products**

## ALCO-EP™ ECF™

### **Extreme-Service Multipurpose Grease**

Rated: -10°F (-23°C) to 450°F (232°C) • Meets the Norwegian "Yellow" and the combined UK and Netherlands "E" categories

- Non-plating, organic EP/anti-wear additives
- Contains polymer additives Inherent water resistant • Extremely resistant to rust and corrosion • Dropping point 500°F (260°C) • Biodegradable • Exceeds Military specification MIL-G-18458B-SH • Thickener: Calcium Complex

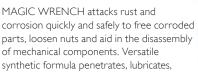


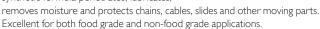
Extremely water resistant synthetic formula with organic additives that meets industries' most stringent biodegradation requirements. An ideal grease for high-moisture climates and operations involving water where speeds are high and tolerances are low.

36950 – 14 oz Cartridge

# 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





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



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

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. Unequalled 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 antiwear 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

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



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.

### 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



#### NSF/ANSI Standard 61 Certified

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 bacteria/fungistat which is a food grade additive that will eliminate bacterial culturing.

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

# **TF-25**<sup>™</sup>

# 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. Provi

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 – I/4 pt. Brush Top, 24002 – I/2 pt. Brush Top, 24004 – I pt. Brush Top, 24007 – I qt. Brush Top, 24023 – I 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



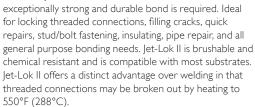
TF-15 assures a tight connection assembly to better handle pressure surges, vibration,

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 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





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

### 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.







# Jet-Lok® PS-92

# Anaerobic Multipurpose High-Temp Pipe Thread Sealant

•Viscosity (thixotrophic) 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

# Jet-Lok® HP-45

### Hydraulic and Pneumatic High-Pressure Sealant

Withstands temperatures up to  $300^{\circ}F$  • Typical strength: 2,000-3,000 psi

JET-LOK 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 Bottle



## let-Lok® PS-67

# Stainless Steel Pipe Thread Sealant with PTFE

-65°F to 400°F (-54°C to 204°C) • Contains PTFE • Viscosity (thixotrophic) 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

### **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.









> Jet-Lube — Extreme Technology for Extreme Conditions

## 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 Plus™ Citrus Degreaser

NSF Rated CI • Replaces I:I:I 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.

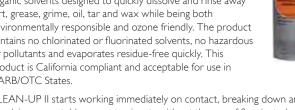
72542 - 15 oz. Aerosol, 72535 - 5 gal., 72529 - 50 gal.

# 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.



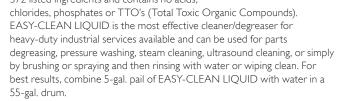
CLEAN-UP II starts working immediately on contact, breaking down and dissolving even stubborn contaminants without the use of fluorinated, chlorinated or SARA listed ingredients. Safe on all metals and some plastics. For sensitive materials, test on an inconspicuous small area first to determine acceptability.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

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

### 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,



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



Low alkalinity • Biodegradable • Caustic and abrasion free

EASY-CLEAN meets the equipment cleaning needs of the oilfield and heavy industry. Emulsifies and solubilizes oil and grease. Washes away with water, leaving a clean surface with no residue. Will not harm painted surfaces or rubber. The low-alkali formula makes EASYCLEAN ideal for cleaning rigs, trucks and equipment quickly and effectively. May be used with either fresh or saltwater. Suitable for steam cleaning. Economical and easy to use.

30519 – 6 gal. Pail



### Jet-Lube 5000™ Water-Based Cleaner & Degreaser

NSF Rated AI, B2 & CI • 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.

# 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.

2854 | - 12 oz. Aerosol, 28510 - 7 lbs. (1 gal.), 28516 - 35 lbs. (5 gal.), 28524 - 120 lbs. (15 gal.), 28529 - 400 lbs. (50 gal.)



Lubricant/Preservative

Rated:  $-40^{\circ}F$  to  $400^{\circ}F$  ( $-40^{\circ}C$  to  $240^{\circ}C$ )

NSF H-I Registered • Low V.O.C. • Penetrates/Lubricates • Ozone Safe • Antibacterial/Antifungal Additive • Aerosol & Bulk • Safe on metal, plastics & most • Non-evaporative

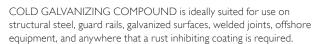
JET-LUBE's PITLESS ADAPTER LUBE is specifically formulated to aid in the assembly and preservation of pitless adapters in waterwell casing applications. It incorporates USDA H-I food grade anti-seize technology with elastomer preservation technology for use in applications where incidental food contact is likely.

JET-LUBE PITLESS ADAPTER LUBE is formulated with a unique blend of mixed synthetics and white oil thickened with a food grade aluminum complex soap. The aluminum complex soap provides the highest level of water resistance with thermal stability. The blend of USDA H-I fluids were carefully balanced to provide a wide range of elastomer compatibility and lubricity. The antibacterial/antifungal additive further extends life of the lubricant and reduces the potential for contamination. Safe for use with nylon and all elastomer 'O' ring material.

71741 — 12 oz. Aerosol

# 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.



51141 - 14 oz. Aerosol



# WRL™ (Wire Rope Lubricant/Oil)

Wire Rope and Chain Lubricant

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.)

## **Z-Plate**<sup>™</sup>

### **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



# 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





# **Mining Construction and Blast Hole Drilling**

# J-75<sup>®</sup> & J-89<sup>™</sup>

### **Drill Steel Lubricants**

Service rating: 0°F (-18°C) to 450°F (232°C) • J-75 NLGI 3 – Brushable • J-89 NLGI 1.5 – Pumpable • Resistance to shock and gailing • Anti-friction properties • Prevents metal-to-metal properties • Will not run out of hot threads • Water resitant • Prevents rust and corrosion

Performance proven, lead-free compounds specifically designed for percussion tools in road construction, logging, mining and coal, and pneumatic and tract drilling. Both are highly fortified to provide excellent resistance to shock, galling, and seizure. Their anti-friction properties are unsurpassed, providing easy thread assembly and disassembly. Under make-up pressure, both J-75 and J-89 literally "plate" and form a tenacious armored coating that eliminates metal-to-metal contact while penetrating voids, surface imperfections, and score marks to increase thread life on steel bits, joints, and couplings. J-75 (brushable) and J-89 (pumpable) Drill Steel Lubricants will not run out or melt out of hot threads.



24823 - I gal. Pail J-75, 24812 - 2 gal. Pail J-75, 24815 - 5 gal. Pail J-75, 24423 - I gal. Pail J-89, 24412 - 2 gal. Pail J-89, 24415 - 5 gal. Pail J-89

# Kopr-Kote® Premium Drill Collar & Tool Joint Compound

Service rating: Standard: 0°F (-18°C) to 450°F (232°C) • Thermal: 0°F (-18°C) to 700°F

(370°C) • Arctic: -65°F (-55°C) to 300 °F

(149°C) • Arctic: -65 F (-55 C) to 300 F (149°C) • NSF H2 • Dropping Point: 450°F

(232°C) • Not classified as a marine pollutant

KOPR-KOTE Drill Collar and Tool Joint Compound is widely regarded as the best

copper-based drilling compound in the world. It is one of the few, if not the only, copper-based compounds to receive both an NSF registration and a DOT exception from being marked as a marine pollutant. KOPR-KOTE is uniquely formulated to prevent excessive circumferential make up and has a very high static friction factor that helps prevent downhole joint make up when excessive drilling torques are encountered.

10050 – 14 oz. Cartridge, 10023 – 1 gal. Pail, 10012 – 2 gal. Pail, 10015 – 5 gal. Pail, 10029 – 50 gal. Drum

### RD-N®

### **Rock Drill and Wire Rope Oil**

Pour point rated: -25°(-32°C) Flash Point Rated: 430°F (221°C) • Petroleum hydrocarbon free • Nonmetallic • Cools while lubricating • Chemically stable • High film strength • Superior lubricity • Prevents rust and corrosion



A premium, hydrocarbon-free synthetic formula lubricant that is excellent for rock drills, other pneumatic equipment, and wire rope cables used in environmentally sensitive areas. Exceeds all current EPA guidelines.

18033 – 1 gal. Jug, 18035 – 5 gal. Jug, 18031 – 50 gal. Plastic Drum



# Kol'r King Drill Rod & Mining Compound

Service rating: 0°F (-18°C) to 280°F (138°C)
• Conforms to API 5A3 • Contains pure metallic lead • Brushable over a wide temperature range • Consistent rig floor makeup • Resistant to downhole make-up • Available in Arctic grade • Oxidation, rust and corrosion inhibited



26523 — I gal. Pail, 26513 — 3.5 gal. Pail



# Kopr-Kote®

# Premium Drill Pipe Compound

Service rating: Standard: 0°F (-18°C) to 450°F (232°C) • NSF H2 • Dropping Point: 450°F (232°C) • Not classified as a marine pollutant

JET-LUBE's heavy-duty, environmentally preferred drill pipe compound provides maximum protection against galling, seizing, and downhole make-up under even the most challenging of drilling conditions.



KOPR-KOTE contains copper flake, graphite, and rust and corrosion inhibitors in a water-resistant aluminum complex grease carrier. KOPR-KOTE is formulated to prevent excessive circumferential make-up and assure full hydraulic efficiency. KOPR-KOTE contains no lead, zinc, PTFE, or other materials that may be affected by elevated temperatures. KOPR-KOTE is unequalled in providing thread protection in demanding environments.

10050 – 14 oz. Cartridge, 10023 – 1 gal. Pail, 10012 – 2 gal. Pail, 10015 – 5 gal. Pail, 10029 – 50 gal. Drum

# Jet-Lube® Extreme® Mud Resistant Tool Joint and Drill Collar Compound

Service rating: 0°F (-18°C) to 450°F (232°C) • Not classified as a marine pollutant • DOT approval CA2006100003 • Highly resistant to high PH drilling muds • Brushable and stable over a wide temperature range • Rust & corrosion inhibited formula • Excellent resistance to make up down-hole • Sticks to wet joints • Conforms to the API RP7G



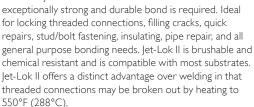
make-up charts • High temp Complex grease base • High dropping point  ${>}450^{\circ}{\rm F}$  • Friction factor I.15

This premium compound offers superior adhesion and prevents excessive make-up while protecting your string from invert or high-pH muds used in more severe drilling situations. Lead and zinc free, EXTREME incorporates JET-LUBE's newest, most advanced high-temp complex base grease for brushability and stability over a wide temperature range.

11423 — 1 gal. Pail, 11413 — 2.5 gal Pail, 11415 — 5 gal. Pail

# 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

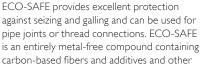




60867 - 8 oz. Can; 60868 - 16 oz. Can; 60845 - 2 oz. Handy Pak

# **Eco-Safe**<sup>™</sup> Drilling Compound

Rated: -20°F (-29°C) to 500°F (260°C) • Excellent performance on high-chrome or nickel alloys • Contains no metals • NSF H2 Registered • Nontoxic • High film strength • High frictional properties



extremepressure and anti-wear additives. These are blended into JET-LUBE's complex base grease. This new base grease offers the additional advantage of superior adhesion to wet steel surfaces, and resistance to water wash-off.

14523 - 1 gal. Pail, 14512 - 2 gal. Pail, 14515 - 5 gal. Pail

# Jet-Lube<sup>®</sup> 21<sup>®</sup> Double-Duty Tool Joint & Drill Collar Compound

Note: Arctic and Thermal Grades available on all compounds • Standard Service Rating: 0°F (-18°C) to 450°F (232°C) • Thermal Service Rating: 0°F (-18°C) to 450°F (232°C) • Arctic Service Rating: -65°F (-55°C) to 300°F (149°C) • Not classified as a marine pollutant • DOT approval CA2006100003 • Lead, zinc and PTFE free • Rust & corrosion



ECO-SAFE

inhibited formula • Excellent resistance to make up down-hole • Stick to wet joints • Conforms to the API RP7G make-up charts • High temp Complex grease base • High dropping point >450°F • Friction factor 1.15

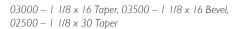
Formulated and blended from the same ingredients as KOPR-KOTE, JET-LUBE 21 is specifically designed for intermediate drilling conditions such as softer formations. This medium-priced, environmentally preferred, lead-free product can be used throughout the entire drill string "from the swivel to the bit," on drill collars, tool joints, etc.

10923 — 1 gal. Pail, 10912 — 2 gal. Pail, 10915 — 5 gal. Pail

# **Dope Brushes**Tool Joint Compound

Tapered and Beveled ends • Non-abrasive • Thick handle • 12" & 30" brush lengths

DOPE BRUSHES for 1, 2, & 5 gallon compounds. This brush is designed to hold drilling compounds for ease of applying the heavy grease based material and will not allow the compound to run or drip off the brush/bristles.





#### 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 • NLGI Grade 3

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 &

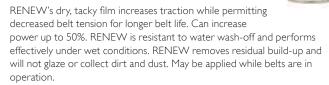
pumpable formula, so applying the grease to flat, tapered or open gears is easily done using a conventional paint brush or pneumatic pumping system. This uniformly blended combination of low friction ingredients provides a high film strength which reduces starting torque and lowers operating temperatures.

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

# Renew<sup>™</sup> Belt Dressing

NSF PI • 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.

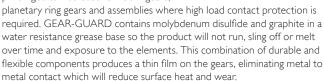


50941 - 12 oz. Aerosol

# **Gear-Guard**<sup>™</sup> Premium Lubricant Paste

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





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



RENEW

## **PS Terminal**<sup>™</sup>

#### **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

# #202 Moly-Lith™

## **Multipurpose Grease with Moly**

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

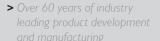
#202 MOLY-LITH is a high temperature, lithium 12-hydroxystearate soap grease containing micro-fine molybdenum disulfide (MoS<sub>2</sub>). #202 MOLY-LITH has a dropping point of 390°F (199°C), is water resistant and displays excellent work stability under high loads, high speeds, shock and vibration.



#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.

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.)



#### **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 • NLGI Grade 2

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.)

# Silicone DM<sup>™</sup>

#### **Dielectric Grease**

Direct comparison to Dow Corning® III
Compound. A trademark of Dow Corning
Corporation, USA • NSF H-I 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.)

# 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.

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

# **CB-2<sup>™</sup> 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 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 • NLGI Grade 2

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.)





et-Lube 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.

JET-LUBE, INC. 4849 Homestead Road Houston, TX 77028 Tel: 800-538-5823

Tel: 713-670-5700 Fax: 713-678-4604 Email: sales@jetlube.com www.jetlube.com

JET-LUBE OF CANADA LTD. 3820 97th Street Edmonton, Alberta Canada T6E 5S8

Tel: 780-463-7441 Fax: 790-463-7454

Email: sales@jetlubecanada.com

JET-LUBE (UK) LTD. Jet-Lube House Reform Road Maidenhead Berkshire, England SL6 8BY Tel: 44-1628-631913

Fax: 44-1628-773138 Email: uksales@jetlube.com



