

**JET-LUBE<sup>®</sup>**

A CSW Industrials Company

J e t - L u b e o f C a n a d a L t d .

# TECHNICAL APPLICATIONS

Anti-Seize, Sealants and Lubricants



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# Anti-Seize Compounds

## 550 - Molybdenum Disulphide Anti-Seize

- Metal free
- Contains MoS<sub>2</sub> and synthetic graphite
- Not affected by vibration, expansion or contraction
- -54°C to 1,316°C (-65°F to 2,400°F)
- For use on steel, brass, stainless, etc.
- Ideal for use in petrochemical plants
- Conforms to MIL-PRF-907E
- Part No. 155\_\_

## 550 Extreme - Non-Metallic Anti-Seize

- Metal free
- Contains MoS<sub>2</sub> and synthetic graphite
- Enhanced rust and corrosion resistance
- -54°C to 1,316°C (-65°F to 2,400°F)
- Use on threaded connections and flange faces
- Ideal where exposed to chemicals and gases
- Conforms to MIL-PRF-907E
- Part No. 471\_\_

## 550 Extreme All-Weather - Non-Metallic Anti-Seize

- Brushable to -40°C (-40°F)
- Fortified with rust and corrosion inhibitors
- Will not harden, evaporate or settle out
- -54°C to 1,316°C (-65°F to 2,400°F)
- Contains MoS<sub>2</sub> and synthetic graphite
- Well suited for steel and aluminum
- Conforms to MIL-PRF-907E
- Part No. 472\_\_

## ECF Anti-Seize - Environmental Anti-Seize Compound

- Metal free
- Non-toxic and biodegradable
- Non-conductive
- -54°C to 1,427°C (-65°F to 2,600°F)
- Excellent on high chrome or nickel alloys
- For chemical exposure/corrosive environments
- NSF H-2 registered
- Part No. 289\_\_

## Graphite Petrolatum - Anti-Seize for Aircraft Spark Plugs

- Graphite paste
- Designed for aircraft engine spark plugs
- Not for use on aluminum, zinc or cadmium alloys
- -54°C to 482°C (-55°F to 900°F)
- Electrically conductive
- Good for corrosion resistant metals
- Conforms to SAE-AMS-2518
- Part No. 272\_\_

## Kopr-Kote - High Temperature Anti-Seize Compound

- Copper and graphite paste
- Prevents seizure, heat-freeze and galling
- Available in aerosol form
- -54°C to 815°C (-65°F to 1,500°F)
- Non-melting grease base
- Industry standard for anti-seize applications
- Conforms to MIL-PRF-907E
- Part No. 102\_\_

## Marine Grade Anti-Seize - Non-Metallic Paste

- Metal free formulation
- High film strength
- Resistant to water, salt spray, steam, etc.
- -54°C to 1,316°C (-65°F to 2,400°F)
- Formulated for marine and offshore applications
- Contains MoS<sub>2</sub> for extreme pressures
- Fills voids and imperfections on thread surfaces
- Part No. 497\_\_

## Moly Petrolatum - Anti-Seize Compound

- Metal free, contains MoS<sub>2</sub>
- Works well with parts of dissimilar metals
- A thin coating is all that is required
- -54°C to 427°C (-65°F to 800°F)
- For use on spark plug threads, frame fasteners
- Lowers friction, reduces wrench torque
- Meets MIL - PRF-83483E
- Part No. 262\_\_

## MP-50 - Moly Paste

- Contains a high percentage of MoS<sub>2</sub>
- Non-melting and water resistant
- Plates metallic surfaces, bonds to metal
- -25°C to 400°C (-13°F to 750°F)
- Use where extreme pressure is encountered
- Ideal for use as a valve stem lubricant
- Prevents stick-slip
- Part No. 280\_\_

### **Nikal - Extreme Temperature Anti-Seize**

- Contains nickel flake
- Contains no lead, copper or graphite
- May be used safely with ammonia and acetylene
- -54°C to 1427°C (-65°F to 2,600°F)
- Not for use as a thread sealant
- Used on high strength alloys and stainless steel
- Conforms to MIL-PRF-907E
- Part No. 136 \_\_

### **Nikal Nuclear - Extreme Temperature Anti-Seize**

- Contains chemically pure nickel
- Base is an ashless synthetic fluid
- Contains a high-carbon synthetic graphite
- -54°C to 1,427°C (-65°F to 2,600°F)
- Chemical and acid resistant
- Certified to exceed nuclear grade purity levels
- Conforms to MIL-PRF-907E
- Part No. 135 \_\_

### **Silver Plus - Metallic Anti-Seize**

- Contains aluminum and graphite
- Very conductive
- Nearly eliminates galvanic corrosion
- -54°C to 982°C (-65°F to 1,800°F)
- Ideal for use on aluminum and aluminum alloys
- Utilizes a high temperature base grease
- Superior adhesive qualities
- Part No. 699 \_\_

### **SS-30 - High Temperature Anti-Seize**

- Contains pure copper
- Non-melting, will not run, drip or settle out
- Will not harden or dry out in storage
- -54°C to 982°C (-65°F to 1,800°F)
- For use on stainless steel at high temperatures
- Prevents metal-to-metal contact
- Conforms to MIL-PRF-907E
- Part No. 125 \_\_

### **White Knight - Food Grade Anti-Seize**

- Use where incidental contact with food may occur
- Contains no metals
- Composed entirely of food grade ingredients
- -54°C to 982°C (-65°F to 1,800°F)
- May be used with potable water
- NSF H1 registered
- Conforms to MIL-PRF-907E
- Part No. 164 \_\_

### **Zinc Petrolatum - For Aluminum and its Alloys**

- Prevents galvanic corrosion
- Lowers friction, reduces wrench torque
- Petrolatum component evaporates
- -54°C to 420°C (-65°F to 788°F)
- Water resistant
- Not suitable for optical instruments
- Conforms to CID-A-A-59313
- Part No. 270 \_\_

# Cleaners and Degreasers

## Clean-Up - Degreaser and Safety Solvent

- Non-flammable chlorinated solvent
  - Does not leave a residue
  - Acid free
  - 53 kV dielectric strength
  - Part No. 615 \_\_
  - Rapidly dissolves grease, paint, tar and grime
  - Fast evaporating
  - Ozone friendly
  - NSF K-1
- 

## Clean-Up Plus - Organic Solvent Cleaner/Degreaser

- Consists of a blend of safe, organic solvents
  - Dries slowly to leave a residue-free surface
  - No fluorinated or chlorinated ingredients
  - 29 kV dielectric strength
  - Part No. 725 \_\_
  - Safe on all metals and most plastics
  - Biodegradable
  - Ozone friendly, environmentally safe
  - NSF C-1
- 

## Easy Clean Liquid - Alkaline Cleaner and Degreaser

- Environmentally safe and ozone friendly
  - Biodegradable, non-toxic and non-flammable
  - Ideal for pressure washing or steam cleaning
  - 1°C to 99°C (34°F to 210°F)
  - Part No. 300 \_\_
  - May be diluted with fresh or salt water
  - Contains no acids, chlorides or phosphates
  - May be corrosive to aluminum if undiluted
  - Environmentally safe and ozone friendly
- 

## JL-5000 - Water Based Cleaner and Degreaser

- Effectively removes grease, oil, organic deposits
  - Contains no acids, alkalis, chlorides or phosphates
  - Can be diluted with fresh or salt water
  - 0°C to 100°C (32°F to 212°F)
  - Part No. 710 \_\_
  - Can be used in pressure washers
  - Environmentally safe and ozone friendly
  - Safe on all metals and most plastics
  - CFIA listed, NSF registered A1, B2, C1
- 

## PS Terminal - Electrical Contact Cleaner

- Penetrates to remove contaminants
  - Evaporates to leave a residue-free surface
  - May be used while equipment is operating
  - Non-flammable
  - Part No. 602 \_\_
  - Safe on most plastics
  - 35 kV dielectric strength
  - No VOC's
  - NSF K2 Registered
-

# Drilling and Completion Compounds

## #21 - Drill Pipe Compound

- Contains copper, graphite and anti-wear additives
- For use on rotary shouldered connections
- Ensures consistent make-up
- -18°C to 205°C (0°F to 400°F)
- Part No. 121 \_\_
- Prevents downhole makeup
- Used on entire drill string in most applications
- For use where downhole conditions are severe
- Aluminum stearate base

## API-Modified - Thread Compound

- For use on tubing, casing, line pipe and flow lines
- Manufactured to API RP 5A3 specifications
- Contains additives for corrosion protection
- -18°C to 205°C (0°F to 400°F)
- Part No. 221 \_\_
- Sticks to wet, frosty or oily threads
- Will not harden or dry out
- Not for use on rotary shouldered connections
- Pressures to 69,000 kPa (10,000 psi)

## Easy Clean Liquid - Alkaline Cleaner and Degreaser

- Environmentally safe and ozone friendly
- Biodegradable, non-toxic and non-flammable
- Ideal for pressure washing or steam cleaning
- 1°C to 99°C (34°F to 210°F)
- Part No. 300 \_\_
- May be diluted with fresh or salt water
- Contains no acids, chlorides or phosphates
- May be corrosive to aluminum if undiluted
- Environmentally safe and ozone friendly

## Enviro-Safe - Thread Compound

- Contains copper and graphite
- Use on OCTG where lead and zinc is undesirable
- Meets API-Modified performance requirements
- -18°C to 205°C (0°F to 400°F)
- Part No. 218 \_\_
- Sticks to wet, frosty or oily threads
- Will not harden or dry out
- High film strength
- Contains rust, corrosion and oxidation inhibitors

## Extreme - Thread Compound

- For heavy duty drilling applications
- Ideal for invert or high pH drilling muds
- Unequaled resistance to downhole makeup
- -18°C to 232°C (0°F to 450°F)
- Part No. 114 \_\_
- Formulated to utilize API RP7G torque charts
- Superior rust and corrosion protection
- Not classified as a marine pollutant
- Use for high angle or horizontal holes

## J-75 - Drill Steel Lubricant

- Specifically designed for percussion drilling
- Forms a coating to eliminates metal-to-metal contact
- Resists water wash-off
- -18°C to 260°C (0°F to 500°F)
- Part No. 248 \_\_
- Resists shock, galling and seizing
- Environmentally safe, lead and zinc free
- Allows easy thread assembly and disassembly
- Brushable formula

## J-89 - Drill Steel Lubricant

- Environmentally safe, lead and zinc free
- Extends steel and coupling life
- Allows for easy make-up and break-out
- -18°C to 232°C (0°F to 450°F)
- Part No. 244 \_\_
- Resists shock, galling and seizing
- Will not run out of hot threads
- Resists water wash-off
- Pumpable formula

## Jacking System Grease ECF - Non-Metallic Compound

- Safe to use in offshore applications
- Outstanding galling protection
- High-load resistance
- -20°C to 149°C (-4°F to 300°F)
- Part No. 258 \_\_
- Biodegradable, non-bioaccumulative
- Excellent film strength
- Wide range of applications
- Metal free formulation

### **Kopr-Kote - Drill Collar & Tool Joint Compound**

- Contains no lead or zinc
- Unequalled resistance to downhole makeup
- For use in severe drilling conditions
- -18°C to 205°C (0°F to 400°F)
- Part No. 101 \_\_
- Superior adhesion to wet or frosty pipe
- Friction factor increases as stress levels rise
- Provides consistent rig floor makeup
- Exceptional film strength

### **Korr-Guard - Storage Compound**

- Easily flows into thread roots to displace moisture
- Prevents the formation of rust and corrosion
- For long-term storage of drill pipe and tubular goods
- -40°C to 149°C (-40°F to 300°F)
- Part No. 788 \_\_
- Highly water resistant
- Semi-fluid for ease of application
- Slightly overbased
- High soap content to hold oxidation inhibitors in place

### **Kov'r-Kote - Tool Joint Compound**

- For both shouldered and interference threads
- Metal free formulation
- Exceptionally high film strength
- -18°C to 205°C (0°F to 400°F)
- Part No. 139 \_\_
- Exceeds performance specs of API RP 5A3
- Prevents rust, corrosion and oxidation
- Same frictional characteristics as API-Modified
- Formulated with high-tech polymers

### **LBX-Special - Tool Joint Compound**

- Contains copper, graphite and anti-wear additives
- For use on rotary shouldered connections
- Ensures consistent make-up
- -18°C to 205°C (0°F to 400°F)
- Part No. 110 \_\_
- Prevents down-hole make-up
- Can be used on entire drill string in most cases
- For use where down-hole conditions are severe
- Prevents high stress in drill pipe

### **NCS-30 - Drill Pipe Thread Compound**

- Non-conductive for MWD applications
- White in color
- Metal-free formulation
- -29°C to 260°C (-20°F to 500°F)
- Part No. 169 \_\_
- Conforms to API RP 7G torque charts
- Resistant to invert or high pH drilling muds
- The ideal compound for wedge thread designs
- NSF Registered H-2

### **NCS-30 ECF - Drill String Compound**

- Biodegradable formulation
- High oxidation and thermal stability
- Excellent on high chrome or nickel alloys
- -23°C to 260°C (-10°F to 500°F)
- Part No. 237 \_\_
- Non-bioaccumulative and non toxic
- Superior adhesion to wet steel surfaces
- Ideal for offshore applications
- 'Yellow' and 'E' HOCNF classification

### **Pow'r-Kote - Drill Collar & Tool Joint Compound**

- Ideal for use on large diameter drill collars
- Metal free formulation
- For use in extreme conditions
- -18°C to 205°C (0°F to 400°F)
- Part No. 157 \_\_
- Exceeds industry performance standards
- Environmentally safe
- Prevents excessive circumferential makeup
- Exceptional film strength

### **Run-N-Seal Extreme All-Weather - Metal Free Thread Compound**

- Metal free formulation
- Environmentally safe alternative to API-Modified
- Protects against rust, corrosion and oxidation
- -40°C to 232°C (-40°F to 450°F)
- Part NO. 223 \_\_
- Protects against wear, galling and seizure
- Manufactured to the API RP 5A3 standard
- Exceeds performance criteria of API spec 5CT
- Sticks to wet, frosty or oily pipe

### Run-N-Seal ECF - Thread Compound

- Base is a blend of synthetic and vegetable oils
  - Biodegradable and non-bioaccumulative
  - Superior lubrication under high loads
  - -18°C to 232°C (0°F to 450°F)
  - Part No. 292 \_\_
  - Gives consistent frictional performance
  - An environmental alternative to API-Modified
  - Not for use on premium connections
  - Friction factor of 0.9 relative to API-Modified
- 

### Seal-Guard ECF - Premium Thread Compound

- Biodegradable
  - Designed for premium tubing/casing connections
  - Made with a blend of synthetic and vegetable oils
  - -29°C to 204°C (-20°F to 400°F)
  - Part No. 209 \_\_
  - Superior lubrication under high loads
  - Ideal for use on high-chrome connections
  - Metal-free formulation
  - Low solids content
- 

### TF-15 - Thread Sealant

- Contains PTFE particles and graphite
  - Resists vibration, surge, temperature fluctuations
  - Recommended compound for H<sub>2</sub>S environments
  - -23°C to 316°C (-10°F to 600°F)
  - Part No. 230 \_\_
  - Seals badly worn threads
  - 0.7 Friction Factor relative to API-Modified
  - Contains no leachable volatile organics
  - Seals pressures to 69,000 kPa (10,000 psi)
- 

### Well-Guard - Monitor Well Thread Compound

- Petroleum hydrocarbon free
  - Designed for environmentally sensitive areas
  - Biodegradable
  - -23°C to 204°C (-10°F to 400°F)
  - Part No. 185 \_\_
  - Water and hydrocarbon resistant
  - Non-toxic and chemically stable
  - Contains no VOC's
  - For use in environmentally sensitive applications
- 

### Z-50 - Tool Joint Compound

- Contains 50% pure metallic zinc
  - Contains additives to prevent plating
  - Sticks to wet or frosty pipe
  - -18°C to 204°C (0°F to 400°F)
  - Part No. 204 \_\_
  - Maintains brushability over a wide temp range
  - Low sulphur content
  - Resists downhole makeup
  - Does not build up on threads or shoulder faces
-



## Eco-Certified Products

### Alco EP ECF - Extreme Service Multi-Purpose Grease

- Calcium Complex base
- Dropping Point of 260°C (500°F)
- Color - Pale Red
- -32°C to 232°C (-25°F to 450°F)
- Part No. 371\_\_
- Biodegradable
- Extremely resistant to rust and corrosion
- Use in high moisture and sub-sea applications
- Exceeds MIL-G-18458C, Type II

### Bullseye - Water Well Compound

- Petroleum hydrocarbon free
- Biodegradable
- Vegetable-based fluids
- -7°C to 204°C (20° F to 400°F)
- Part No. 668\_\_
- For water well and environmental drilling
- Resistant to water and drilling mud
- Non-toxic
- Not intended for monitor well drilling

### Eco-Safe - Environmental Thread Compound

- Contains no metals
- Biodegradable
- Especially effective on invert or high pH muds
- -29°C to 260°C (-20°F to 500°F)
- Part No. 145\_\_
- Excellent on high-chrome or nickel alloys
- High film strength
- Ideal for casing drilling applications
- NSF H-2 registered

### EMS - Water Based Food Grade Silicone

- Odorless, tasteless and non-staining
- Non-flammable
- Stops squeaking and binding of moving parts
- 1°C to 260°C (34°F to 500°F)
- Part No. 525\_\_
- Provides a long-wearing lubricating film
- Will not become rancid
- Excellent for use as a release agent
- CFIA approved

### Enviro-Guard - Drop Pipe Lubricant and Sealant

- Biodegradable
- Metal free
- Ideal for high-chrome connections
- -29°C to 260°C (-20°F to 500°F)
- Part No. 184\_\_
- High solids content to ensure a seal
- Superior lubrication under high loads
- Sticks to wet or oily threads
- NLGI Grade 1

### Jacking System Grease ECF - Non-Metallic Compound

- Safe to use in offshore applications
- Outstanding galling protection
- High-load resistance
- -20°C to 149°C (-4°F to 300°F)
- Part No. 258\_\_
- Biodegradable, non-bioaccumulative
- Excellent film strength
- Wide range of applications
- Metal free formulation

### JL-5000 - Water Based Cleaner and Degreaser

- Effectively removes grease, oil, organic deposits
- Contains no acids, alkalis, chlorides or phosphates
- Can be diluted with fresh or salt water
- 0°C to 100°C (32°F to 212°F)
- Part No. 710\_\_
- Can be used in pressure washers
- Environmentally safe and ozone friendly
- Safe on all metals and most plastics
- CFIA listed, NSF registered A1, B2, C1

### NCS-30 ECF - Drill String Compound

- Biodegradable formulation
- High oxidation and thermal stability
- Excellent on high chrome or nickel alloys
- -23°C to 260°C (-10°F to 500°F)
- Part No. 237\_\_
- Non-bioaccumulative and non toxic
- Superior adhesion to wet steel surfaces
- Ideal for offshore applications
- 'Yellow' and 'E' HOCNF classifications

### Run-N-Seal ECF - Thread Compound

- Base is a blend of synthetic and vegetable oils
  - Biodegradable and non-bioaccumulative
  - Superior lubrication under high loads
  - -18°C to 232°C (0°F to 450°F)
  - Part No. 292 \_\_
  - Gives consistent frictional performance
  - An environmental alternative to API-Modified
  - Not for use on premium connections
  - Friction factor of 0.9 relative to API-Modified
- 

### Seal-Guard ECF - Premium Thread Compound

- Biodegradable
  - Designed for premium tubing/casing connections
  - Made with a blend of synthetic and vegetable oils
  - -29°C to 204°C (-20°F to 400°F)
  - Part No. 209 \_\_
  - Superior lubrication under high loads
  - Ideal for use on high-chrome connections
  - Metal-free formulation
  - Low solids content
- 

### V-2 - Multi-Purpose Thread Sealant

- Soft-setting, non-petroleum based formula
  - Contains PTFE and unique natural fillers
  - Environmentally safe
  - -56°C to 260°C (-70°F to 500°F)
  - Part No. 220 \_\_
  - Allows for immediate pressurization
  - Will seal a wide variety of products
  - ULC listed for gas installations
  - NSF P1 registered
- 

### Well-Guard - Monitor Well Thread Compound

- Petroleum hydrocarbon free
  - Designed for environmentally sensitive areas
  - Biodegradable
  - -23°C to 204°C (-10°F to 400°F)
  - Part No. 185 \_\_
  - Water and hydrocarbon resistant
  - Non-toxic and chemically stable
  - Contains no VOC's
  - For use in environmentally sensitive applications
- 

### White Knight - Food Grade Anti-Seize

- Use where incidental contact with food may occur
  - Contains no metals
  - Composed entirely of food grade ingredients
  - -54°C to 982°C (-65°F to 1,800°F)
  - Part No. 164 \_\_
  - May be used with potable water
  - CFIA and NSF H1 registered
  - Conforms to MIL-PRF-907E
- 

### Wire Line Lubricant ECF - Environmental Lubricant

- For slick line, electric line and braided line
  - Biodegradable
  - H<sub>2</sub>S inhibited
  - -29°C to 260°C (-20°F to 500°F)
  - Part No. 293 \_\_
  - Ideally suited to offshore applications
  - Extremely water resistant
  - Contains no VOC's
  - Passes the biotoxicity test
-

# EP Greases

## #202 Moly-Lith - Multi-Purpose Grease

- Lithium 12-hydroxy base
- Dropping Point of 200°C (390°F)
- Color - Black
- -18°C to 150°C (0°F to 300°F)
- Part No. 330 \_\_
- Contains MoS<sub>2</sub> for friction reduction
- Excellent work stability
- Ideal for chassis lubrication
- Use for high loads and high speeds

## Alco EP - Premium Multi-Purpose Grease

- Aluminum Complex base
- Dropping Point of 260°C (500°F)
- Color - Black
- -32°C to 232°C (-25°F to 450°F)
- Part No. 370 \_\_
- Contains MoS<sub>2</sub> and graphite
- Designed for bearings, bushings and chassis
- Protects against extreme pressure and shock
- Excellent load-carrying ability

## Alco EP 73 Plus - Premium Water Resistant Grease

- Aluminum Complex base
- Dropping Point of 260°C (500°F)
- Color - Red
- -32°C to 232°C (-25°F to 450°F)
- Part No. 377 \_\_
- Extremely water resistant
- Excellent high temperature bearing grease
- Use in high moisture and sub-sea applications
- MIL-PRF-18458C, Type I

## Alco EP ECF - Extreme Service Multi-Purpose Grease

- Calcium Complex base
- Dropping Point of 260°C (500°F)
- Color - Pale Red
- -32°C to 232°C (-25°F to 450°F)
- Part No. 371 \_\_
- Biodegradable
- Extremely resistant to rust and corrosion
- Use in high moisture and sub-sea applications
- Exceeds MIL-PRF-18458C, Type II

## AP-1 (White) - High-Temperature MP Grease

- Clay base
- No Dropping Point
- Color - White
- -25°C to 288°C (-13°F to 550°F)
- Part No. 315 \_\_
- Contains zinc oxide for added lubrication
- For use where cleanliness is a factor
- Suitable for high temperature applications
- Superior storage life

## AP-5 - High Temperature Grease

- Clay base
- No Dropping Point
- Color - Black
- -25°C to 288°C (-13°F to 550°F)
- Part No. 250 \_\_
- Contains MoS<sub>2</sub> for friction reduction
- High film strength
- For heavy duty, long life protection
- Superior storage life

## Arctic - Low Temperature Service Grease

- Anhydrous Calcium base
- Dropping Point of 140°C (285°F)
- Color - Amber
- -54°C to 107°C (-65°F to 225°F)
- Part No. 350 \_\_
- For use in arctic and sub-arctic conditions
- Resists humidity, ice and road salts
- Should not be used in highly loaded bearings

## CB-2 - Super-Lith Multi-Purpose Grease

- Lithium 12-Hydroxy base
- Dropping Point of 200°C (390°F)
- Color - Amber
- -18°C to 150°C (0°F to 300°F)
- Part No. 310 \_\_
- Highly adhesive to metal
- Good for heavy loads
- Use when high quality and economy is needed
- High film strength

### **CC-Lube - Multi-Purpose Synthetic Lubricant**

- Semi-synthetic base
  - Dropping Point of 260°C (500°F)
  - Color - Clear
  - -18°C to 204°C (0°F to 400°F)
  - Part No. 706 \_\_
  - Clean, clear and odorless
  - Non-toxic, non-staining
  - NSF H-1
  - Conforms to SAE-AMS-G-4343
- 

### **EP Bearing Grease - Extreme Pressure MP Grease**

- Lithium 12-Hydroxy base
  - Dropping Point of 175°C (350°F)
  - Color - Purple
  - -18°C to 165°C
  - Part No. 303 \_\_
  - Suitable for most bearing applications
  - Versatile and cost effective
  - Good shear stability and lubrication properties
  - Highly adhesive to metal
- 

### **FMG - Food Machinery Grease**

- Aluminum Complex base
  - Dropping Point of 260°C (500°F)
  - Color - White
  - -18°C to 204°C (0°F to 400°F)
  - Part No. 301 \_\_
  - For use in the food preparation industry
  - Extremely water resistant
  - Polymer additives protect against shock loads
  - CFIA approved, NSF H-1 registered
- 

### **Kiln Grease - High Temperature Lubricant**

- Aluminum Complex base
  - Dropping Point of 283°C (542°F)
  - Color - Green
  - -18°C to 260°C (0°F to 500°F)
  - Part No. 751 \_\_
  - For use in steel mills, pulp and paper mills, etc.
  - High viscosity, highly refined base oil
  - Will not run or pound out
  - Excellent shear stability
- 

### **Marine MP - Multi-Purpose Grease**

- Calcium/Lithium base
  - Dropping Point of 175°C (350°F)
  - Color - Purple
  - -18°C to 163°C (0°F to 325°F)
  - Part No. 630 \_\_
  - Smooth, buttery texture
  - Resistant to adverse marine conditions
  - Multiple uses, lowers maintenance costs
  - Contains an EP performance package
- 

### **Marine Wire Rope & Hawser Grease - Lubricant**

- Protects wire rope from corrosion
  - Lubricates inner strands, drums and sheaves
  - Resists humidity, heat and salt spray
  - -18°C to 163°C (0°F to 325°F)
  - Part No. 345 \_\_
  - Provides a non-drying film
  - Anti-corrosive
  - Extends life and performance of wire rope
  - Conforms to MIL-PRF-18458C, Type I
- 

### **Oven Chain Lube**

- Inorganic base
  - No Dropping Point
  - Color - White
  - -32°C to 400°C (-25°F to 750°F)
  - Part No. 332 \_\_
  - Semi-fluid consistency
  - Non-smoking at high temperatures
  - Penetrates into the links and pins of chains
  - NSF H-1 registered
- 

### **Silicone Compound DM - Moisture Proofing Lubricant**

- Inorganic base
- No Dropping Point
- Color - translucent
- -57°C to 204°C (-70°F to 400°F)
- Part No. 735 \_\_
- High dielectric strength
- Seals and lubricates
- Ideal for moisture-proofing electrical systems
- SAE-AS8660 (DM3), MIL-DTL-21567B (DM2)

### Temp-Guard - High Temperature Synthetic Grease

- Non-soap synthetic base
  - No Dropping Point
  - Color - Black
  - -22°C to 315°C (-10°F to 600°F)
  - Part No. 318 \_\_
  - No petroleum based oils or additives
  - Low friction and extreme pressure capabilities
  - High flash point and low volatility
  - Contains MoS<sub>2</sub> and graphite
- 

### White Lithium - Multi-Purpose Grease with PTFE

- Lithium 12-Hydroxy base
  - Dropping Point of 200°C (390°F)
  - Color - White
  - -18°C to 190°C (0°F to 370°F)
  - Part No. 503 \_\_
  - Food grade formulation
  - Very adhesive
  - Available in aerosol form
  - NSF H2 registered
- 

## Food Grade Products

### CC-Lube - Multi-Purpose Synthetic Lubricant

- Semi-synthetic base
  - Dropping Point of 260°C (500°F)
  - Color - Clear
  - -18°C to 204°C (0°F to 400°F)
  - Part No. 706 \_\_
  - Clean, clear and odorless
  - Non-toxic, non-staining
  - NSF H-1
  - Conforms to SAE-AMS-G-4343
- 

### Clean-Up Plus - Organic Solvent Cleaner/Degreaser

- Consists of a blend of safe, organic solvents
  - Dries slowly to leave a residue-free surface
  - No fluorinated or chlorinated ingredients
  - 29 kV dielectric strength
  - Part No. 725 \_\_
  - Safe on all metals and most plastics
  - Biodegradable
  - Ozone friendly, environmentally safe
  - NSF C-1
- 

### EMS - Water Based Food Grade Silicone

- Odorless, tasteless and non-staining
  - Non-flammable
  - Stops squeaking and binding of moving parts
  - 1°C to 260°C (34°F to 500°F)
  - Part No. 525 \_\_
  - Provides a long-wearing lubricating film
  - Will not become rancid
  - Excellent for use as a release agent
  - CFIA approved
- 

### FMG - Food Machinery Grease

- Aluminum Complex base
  - Dropping Point of 260°C (500°F)
  - Color - White
  - -18°C to 204°C (0°F to 400°F)
  - Part No. 301 \_\_
  - For use in the food preparation industry
  - Extremely water resistant
  - Polymer additives protect against shock loads
  - CFIA approved, NSF H-1 registered
- 

### JL-5000 - Water Based Cleaner and Degreaser

- Effectively removes grease, oil, organic deposits
  - Contains no acids, alkalis, chlorides or phosphates
  - Can be diluted with fresh or salt water
  - 0°C to 100°C (32°F to 212°F)
  - Part No. 710 \_\_
  - Can be used in pressure washers
  - Environmentally safe and ozone friendly
  - Safe on all metals and most plastics
  - CFIA listed, NSF registered A1, B2, C1
- 

### Magic Wrench - Super Penetrant

- Attacks rust and corrosion quickly
- May be used as a light machine oil
- Ideal for lubrication and conditioning of air tools
- -51°C to 177°C (-60°F to 350°F)
- Part No. 395 \_\_
- Does not evaporate
- Safe on all metals and most metals
- Silicone free, ozone safe
- CFIA approved and NSF H-1 Registered

### Oven Chain Lube

- Inorganic base
- No Dropping Point
- Color - White
- -32°C to 400°C (-25°F to 750°F)
- Part No. 332 \_\_
- Semi-fluid consistency
- Non-smoking at high temperatures
- Penetrates into the links and pins of chains
- NSF H-1 registered

### PS Terminal - Electrical Contact Cleaner

- Penetrates to remove contaminants
- Evaporates to leave a residue-free surface
- May be used while equipment is operating
- Non-flammable
- Part No. 602 \_\_
- Safe on most plastics
- 35 kV dielectric strength
- No VOC's
- NSF K2 Registered

### V-2 - Multi-Purpose Thread Sealant

- Soft-setting, non-petroleum based formula
- Contains PTFE and unique natural fillers
- Environmentally safe
- -56°C to 260°C (-70°F to 500°F)
- Part No. 220 \_\_
- Allows for immediate pressurization
- Will seal a wide variety of products
- ULC listed for gas installations
- NSF P1 registered

### White Knight - Food Grade Anti-Seize

- Use where incidental contact with food may occur
- Contains no metals
- Composed entirely of food grade ingredients
- -54°C to 982°C (-65°F to 1,800°F)
- Part No. 164 \_\_
- May be used with potable water
- CFIA and NSF H1 registered
- Conforms to MIL-PRF-907E

### White Lithium - Multi-Purpose Grease with PTFE

- Lithium 12-Hydroxy base
- Dropping Point of 200°C (390°F)
- Color - White
- -18°C to 190°C (0°F to 370°F)
- Part No. 503 \_\_
- Food grade formulation
- Very adhesive
- Available in aerosol form
- NSF H2 registered

## HDD & Waterwell Products

### J-75 - Drill Steel Lubricant

- Specifically designed for percussion drilling
- Forms a coating to eliminates metal-to-metal contact
- Resists water wash-off
- -18°C to 260°C (0°F to 500°F)
- Part No. 248 \_\_
- Resists shock, galling and seizing
- Environmentally safe, lead and zinc free
- Allows easy thread assembly and disassembly
- Brushable formula

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

- Contains no lead or zinc
- Unequaled resistance to downhole makeup
- For use in severe drilling conditions
- -18°C to 205°C (0°F to 400°F)
- Part No. 101 \_\_
- Superior adhesion to wet or frosty pipe
- Friction factor increases as stress levels rise
- Provides consistent rig floor makeup
- Exceptional film strength

### V-2 - Multi-Purpose Thread Sealant

- Soft-setting, non-petroleum based formula
- Contains PTFE and unique natural fillers
- Environmentally safe
- -56°C to 260°C (-70°F to 500°F)
- Part No. 220 \_\_
- Allows for immediate pressurization
- Will seal a wide variety of products
- ULC listed for gas installations
- NSF P1 registered

### Well-Guard - Monitor Well Thread Compound

- Petroleum hydrocarbon free
- Designed for environmentally sensitive areas
- Biodegradable
- -23°C to 204°C (-10°F to 400°F)
- Part No. 185 \_\_
- Water and hydrocarbon resistant
- Non-toxic and chemically stable
- Contains no VOC's
- For use in environmentally sensitive applications

### White Knight - Food Grade Anti-Seize

- Use where incidental contact with food may occur
- Contains no metals
- Composed entirely of food grade ingredients
- -54°C to 982°C (-65°F to 1,800°F)
- Part No. 164 \_\_
- May be used with potable water
- CFIA and NSF H1 registered
- Conforms to MIL-PRF-907E

### Z-50 - Tool Joint Compound

- Contains 50% pure metallic zinc
- Contains additives to prevent plating
- Sticks to wet or frosty pipe
- -18°C to 204°C (0°F to 400°F)
- Part No. 204 \_\_
- Maintains brushability over a wide temp range
- Low sulphur content
- Resists downhole makeup
- Does not build up on threads or shoulder faces

## Lubricants

### AX-2 - Valve Lubricant

- An economical valve body fill grease
- Non-melting
- Water resistant
- -25°C to 288°C (-13°F to 550°F)
- Part No. 314 \_\_
- Contains oxidation and corrosion inhibitors
- Superior storage life
- Highly stable, good in high and low temps
- Excellent adhesion to metal surfaces

### CC-Lube - Multi-Purpose Synthetic Lubricant

- Semi-synthetic base
- Dropping Point of 260°C (500°F)
- Color - Clear
- -18°C to 204°C (0°F to 400°F)
- Part No. 705 \_\_
- Clean, clear and odorless
- Non-toxic, non-staining
- NSF H-1
- Conforms to SAE-AMS-G-4343

### Gear Guard - Paste Open Gear Lubricant

- Exceptional 'stay put' characteristics
- Reduces gear chatter
- Will not wash or wear off
- -32°C to 175°C (-25°F to 350°F)
- Part No. 179 \_\_
- Bonds to steel surfaces
- Ideal for use on fifth wheels, roller gears, etc.
- Available in aerosol form
- Penetrates strands of wire rope

### Moly Mist - Dry Film Lubricant

- Bonds to surfaces without heating or baking
- 'Touches dry' quickly
- Lowers friction, prevents galling and seizure
- -185°C to 400°C (-300°F to 750°F)
- Part No. 160 \_\_
- Under sliding pressure will bond to metals
- High chemical and thermal stability
- Inert to oil, alkalis, many acids and solvents
- Reduces torque and power consumption

### MP-50 - Moly Paste

- Contains a high percentage of MoS<sub>2</sub>
- Non-melting and water resistant
- Plates metallic surfaces, bonds to metal
- -25°C to 400°C (-13°F to 750°F)
- Part No. 280 \_\_
- Use where extreme pressure is encountered
- Ideal for use as a valve stem lubricant
- Prevents stick-slip

### **OG-H - Open Gear Lubricant**

- Made with a non-soap thickener, will not melt
  - Very tacky, will not throw off
  - Reduces starting torques
  - -18°C to 285°C (0°F to 550°F)
  - Part No. 260 \_\_
  - Lowers operating temperatures
  - Increases equipment life
  - Use for high pressures in slow moving equipment
  - Requires less lubricant versus competitive products
- 

### **Silicone Compound DM - Moisture Proofing Lubricant**

- Inorganic base
  - No Dropping Point
  - Color - translucent
  - -57°C to 204°C (-70°F to 400°F)
  - Part No. 735 \_\_
  - High dielectric strength
  - Seals and lubricates
  - Ideal for moisture-proofing electrical systems
  - NSF H1 Registered
- 

### **Silicone Spray - Industrial Grade Lubricant**

- Non-reactive to most substances
  - Excellent lubricant for use in wet environments
  - Safe on metal, rubber, wood, plastics and vinyl
  - -18°C to 177°C (0°F to 350°F)
  - Part No. 507 \_\_
  - Maintains a slick, low-friction surface
  - Aerosol form, hydrocarbon propellant
  - Economical lubricant for multiple applications
  - Quick-drying no mess formula
- 

### **TF-500 - PTFE Lubricating Sealant**

- Contains a high percentage of PTFE particles
  - Used as a supplementary seal in packing glands
  - Greatly lowers friction and prevents seizure
  - Temperatures to 260°C (500°F)
  - Part No. 143 \_\_
  - Ideal for use in the presence of harsh chemicals
  - Available with an organic or synthetic base
  - Can be applied while equipment is running
  - Not for use in bearings
- 

### **WLD - Wire Line Dressing**

- Highly adhesive to wire line, cables, roller chains
  - Penetrates to the core, displacing moisture
  - Forms a thin flexible film
  - -32°C to 175°C (-25°F to 350°F)
  - Part No. 285 \_\_
  - Resists being thrown off the cable
  - Does not attract dirt and dust
  - Contains MoS<sub>2</sub> and graphite
  - Highly adhesive formula
- 

### **WRL - Wire Rope Lubricant**

- Quickly penetrates to the core
  - Pumpable at low temperatures
  - Can be used in drip or spray systems
  - -32°C to 175°C (-25°F to 350°F)
  - Part No. 340 \_\_
  - Provides a non-drying, non-tacky film
  - Will not flake or peel
  - Prevents friction and wear on inner strands
  - Suited for high humidity environments
-



## Marine Products

### Marine Grade Anti-Seize - Non-Metallic Paste

- Metal free formulation
- High film strength
- Resistant to water, salt spray, steam, etc.
- -54°C to 1,316°C (-65°F to 2,400°F)
- Part No. 497 \_\_
- Formulated for marine and offshore applications
- Contains MoS<sub>2</sub> for extreme pressures
- Fills voids and imperfections on thread surfaces

### Marine Moly - Lubricating Paste

- Provides a protective shield on metal surfaces
- Can be applied to hot surfaces without melting
- Withstands exposure to weather elements
- -185°C to 400°C (-300°F to 750°F)
- Part No. 650 \_\_
- Prevents galling and heat freeze
- Extremely resistant to water
- 300,000 psi film strength
- Available in aerosol form

### Marine MP - Multi-Purpose Grease

- Calcium/Lithium base
- Dropping Point of 175°C (350°F)
- Color - Purple
- -18°C to 163°C (0°F to 325°F)
- Part No. 630 \_\_
- Smooth, buttery texture
- Resistant to adverse marine conditions
- Multiple uses, lowers maintenance costs
- Contains an EP performance package

### Marine Wire Rope & Hawser Grease - Lubricant

- Protects wire rope from corrosion
- Lubricates inner strands, drums and sheaves
- Resists humidity, heat and salt spray
- -18°C to 163°C (0°F to 325°F)
- Part No. 345 \_\_
- Provides a non-drying film
- Anti-corrosive
- Extends life and performance of wire rope
- Conforms to MIL-PRF-18458 C (SH)

## Penetrants and Coatings

### 12/34 - Lubricant and Penetrant

- Powerful industrial grade penetrant
- Non-conductive
- Superior 'creepability'
- -75°C to 150°C (100°F to 300°F)
- Part No. 373 \_\_
- Prevents rust and corrosion
- Contains ashless extreme pressure additives
- Lifts and displaces moisture
- MIL-PRF-81309F

### 769 - Lubricant and Penetrant

- Light machine oil base
- Non-evaporating
- Lifts and displaces moisture
- -32°C to 150°C (-25°F to 300°F)
- Part No. 769 \_\_
- Contains no fluorocarbons or silicones
- Non-flammable CO<sub>2</sub> propellant
- NSF Registered H-2
- Conforms to MIL-PRF-81309F

### Korr-Guard - Storage Compound

- Easily flows into thread roots to displace moisture
- Prevents the formation of rust and corrosion
- For long-term storage of drill pipe and tubular goods
- -40°C to 149°C (-40°F to 300°F)
- Part No. 788 \_\_
- Highly water resistant
- Semi-fluid for ease of application
- Slightly overbased
- High soap content to hold oxidation inhibitors in place

### **Magic Wrench - Super Penetrant**

- Attacks rust and corrosion quickly
- May be used as a light machine oil
- Ideal for lubrication and conditioning of air tools
- -51°C to 177°C (-60°F to 350°F)
- Part No. 395 \_\_
- Does not evaporate
- Safe on all metals and most metals
- Silicone free, ozone safe
- CFIA approved and NSF H-1 Registered

### **Rubber Lubricant/Mold Release**

- Water based silicone product
- Contains twice the silicone of aerosol products
- Non-toxic, environmentally safe
- 0°C to 260°C (32°F to 500°F)
- Part No. 520 \_\_
- Dries to a thin protective film
- Absorbs into natural or synthetic rubber
- Non-flammable
- Excellent for all metal, plastic or rubber castings

### **Rust-Guard - Corrosion Inhibitor**

- Displaces moisture
- Dries to a thin, waxy film
- For short-term storage of metallic equipment
- -30°C to 138°C (-20°F to 280°F)
- Part No. 132 \_\_
- Penetrates into small crevices
- Easily removed with solvent s or detergents
- Green in color to facilitate visual coverage check
- Conforms to MIL-PRF-16173E Grades 1 & 2

### **Z-Plate - Zinc Rich Galvanize**

- Prevents galvanic corrosion
- Forms a tough, durable zinc coating
- Can be used as a primer for surfaces to be painted
- -185°C to 400°C (-300°F to 750°F)
- Part No. 605 \_\_
- Repairs damaged galvanized surfaces
- Bonds electrochemically with base metal
- Dry film, long term coating
- MIL-PRF-26915D

## **Storage Products**

### **769 - Lubricant and Penetrant**

- Light machine oil base
- Non-evaporating
- Lifts and displaces moisture
- -32°C to 150°C (-25°F to 300°F)
- Part No. 769 \_\_
- Contains no fluorocarbons or silicones
- Non-flammable CO<sub>2</sub> propellant
- NSF Registered H-2
- Conforms to MIL-PRF-81309F

### **Korr-Guard - Storage Compound**

- Easily flows into thread roots to displace moisture
- Prevents the formation of rust and corrosion
- For long-term storage of drill pipe and tubular goods
- -40°C to 149°C (-40°F to 300°F)
- Part No. 788 \_\_
- Highly water resistant
- Semi-fluid for ease of application
- Slightly overbased
- High soap content to hold oxidation inhibitors in place

### **Rust-Guard - Corrosion Inhibitor**

- Displaces moisture
- Dries to a thin, waxy film
- For short-term storage of metallic equipment
- -30°C to 138°C (-20°F to 280°F)
- Part No. 132 \_\_
- Penetrates into small crevices
- Easily removed with solvent s or detergents
- Green in color to facilitate visual coverage check
- Conforms to MIL-PRF-16173E Grades 1 & 2

## Thread Sealants

### Petro-Tape - PTFE Thread Seal Tape

- Made of pure, virgin PTFE
- Inert to chemicals, solvents, fuels, most acids, etc.
- Available in ¼", ½", ¾" and 1" widths
- -240°C to 260°C (-400°F to 500°F)
- Part No. 307 \_\_
- ULC Listed
- Will never dry out
- Cannot drip or run
- Conforms to CID A-A-58092

### TF-15 - Thread Sealant

- Contains PTFE particles and graphite
- Resists vibration, surge, temperature fluctuations
- Recommended compound for H<sub>2</sub>S environments
- -23°C to 316°C (-10°F to 600°F)
- Part No. 230 \_\_
- Seals badly worn threads
- 0.7 Friction Factor relative to API-Modified
- Contains no leachable volatile organics
- Seals pressures to 69,000 kPa (10,000 psi)

### TFW - Multi-Purpose Sealant

- Contains PTFE particles for sealing threaded joints
- Allows for tight make-up with low torque
- Safe for use on potable water lines
- -18°C to 260°C (0°F to 500°F)
- Part No. 240 \_\_
- No solvent structure that will harm ABS pipe
- Non-hardening, will not settle out
- Conforms to the Uniform Plumbing Code (UPC)
- Ideal for use on fire sprinkler systems

### V-2 - Multi-Purpose Thread Sealant

- Soft-setting, non-petroleum based formula
- Contains PTFE and unique natural fillers
- Environmentally safe
- -56°C to 260°C (-70°F to 500°F)
- Part No. 220 \_\_
- Allows for immediate pressurization
- Will seal a wide variety of products
- ULC listed for gas installations
- NSF P1 registered

## Valve Products

### AX-2 - Valve Lubricant

- An economical valve body fill grease
- Non-melting
- Water resistant
- -25°C to 288°C (-13°F to 550°F)
- Part No. 314 \_\_
- Contains oxidation and corrosion inhibitors
- Superior storage life
- Highly stable, good in high and low temps
- Excellent adhesion to metal surfaces

### Ezy-Open - Valve Penetrant

- Vegetable oil / ester base
- Environmentally safe
- Contains no SARA listed ingredients
- -23°C to 204°C (-10°F to 400°F)
- Part No. 990 \_\_
- Non-flammable
- Reduces breaking torque
- Contains dispersants and detergents
- Contains PTFE

### Ezy-Pak #100 - Packing Compound

- Synthetic base
- Contains PTFE particles
- Color - white
- -18°C to 288°C (0°F to 550°F)
- Part No. 970 \_\_
- Injectable using a high pressure lubricator
- Chemically resistant
- Available in J-Sticks
- Widely used as a packing material

### Ezy-Pak #115 - Packing Compound

- Synthetic base
  - Designed for use in WKM type stem glands
  - Color - green
  - -62°C to 288°C (-80°F to 550°F)
  - Part No. 985 \_\_
  - For use with gasoline, propane, crude oil, etc.
  - Most common packing used
  - Available in J-Sticks and K-Sticks
  - Reduces torque requirements
- 

### Ezy-Pak #120 - Packing Compound

- Vegetable oil base
  - For hydrocarbon and aqueous service
  - Color - grey/black
  - -18°C to 260°C (0°F to 500°F)
  - Part No. 975 \_\_
  - Will not harden in storage
  - Economical to use
  - Available in J-Sticks
  - Conforms to the shape of any void for sealing
- 

### Ezy-Pak #125 - Packing Compound

- Synthetic base
  - For use in severe arctic conditions
  - Color - light blue
  - -60°C to 288°C (-75°F to 550°F)
  - Part No. 980 \_\_
  - For use with liquid and gaseous hydrocarbons
  - Excellent water resistance
  - Available in J-Sticks and K-Sticks
  - Good for steam service to 121°C (250°F)
- 

### Ezy-Turn #2 - Gate Valve Sealant

- Vegetable oil base
  - Contains no solid fillers
  - Color - Clear / Amber
  - -29°C to 260°C (-20°F to 500°F)
  - Part No. 905 \_\_
  - Use when hydrocarbon resistance is important
  - Extremely resistant to water
  - Available in B-Sticks, J-Sticks and bulk
  - Widely used in Vetco Gray and similar valves
- 

### Ezy-Turn #3 - Plug Valve Sealant

- Vegetable oil base
  - Contains MoS<sub>2</sub>
  - Color - Gray / Black
  - -18°C to 260°C (0°F to 500°F)
  - Part No. 930 \_\_
  - Use with light hydrocarbon liquids and gases
  - Ideal for pipeline and compressor station use
  - Available in B-Sticks and J-Sticks
  - Used mainly for gases
- 

### Ezy-Turn #3 Arctic - Gate and Plug Valve Sealant

- Made with a blend of vegetable and synthetic oils
  - Contains MoS<sub>2</sub> to lower torque requirements
  - Designed for use in arctic conditions
  - -40°C to 260°C (-40°F to 500°F)
  - Part No. 931 \_\_
  - Resistant to H<sub>2</sub>S
  - For use with LPG and natural gas
  - Available in bulk form
  - Allows for valve activation at low temperatures
- 

### Ezy-Turn #4 - Gate Valve Sealant

- Formulated from food grade polyester base fluids
  - Resistant to aliphatic hydrocarbons
  - Color - Gray / Black
  - -40°C to 260°C (-40°F to 500°F)
  - Part No. 920 \_\_
  - Excellent resistance to aqueous solutions
  - Not recommended for steam or high alkalinity
  - Available in B-Sticks, J-Sticks and bulk
  - For use in both low and high temperatures
- 

### Ezy-Turn #5 - Plug Valve Sealant

- Vegetable oil base
- Use for maximum sealing power
- Color - Amber
- -18°C to 204°C (0°F to 400°F)
- Part No. 935 \_\_
- Non-toxic and biodegradable
- Contains no solid lubricants
- Available in B-Sticks, J-Sticks, K-Sticks and bulk
- Ideal for use on hydrocarbon liquids

### Ezy-Turn #6 - Plug Valve Sealant

- Formulated with food grade synthetic fluids
- Retains its consistency at high temperatures
- Color - Green
- -35°C to 260°C (-30°F to 500°F)
- Part No. 940 \_\_
- Holds better under pressure at high temps
- Prevents scoring and galling on precision surfaces
- Available in bulk form
- Effective with both liquids and gases

### Ezy-Turn #8 - Plug Valve Sealant

- Vegetable oil base
- Contains a high percentage of PTFE particles
- Color - Blue-Green
- -18°C to 230°C (0°F to 450°F)
- Part No. 945 \_\_
- Excellent on worn or scored valves
- Water and hydrocarbon resistant
- Available in J-Sticks, K-Sticks and bulk
- Can use as a stem packing or thread sealant

### Ezy-Turn #12 - Gate Valve Sealant

- Vegetable oil / polymer base
- Standard 'peanut butter' sealant
- Color - Brown
- -18°C to 93°C (0°F to 200°F)
- Part No. 955 \_\_
- Hydrocarbon resistant
- For use with WKM and similar type valves
- Available in bulk form
- Economical

### Ezy-Turn #22 - Gate Valve Sealant

- Synthetic and vegetable base
- Contains no solid fillers
- Hydrocarbon and water resistant
- -46°C to 149°C (-50°F to 300°F)
- Part No. 965 \_\_
- Ideal for use in gaseous service
- For use in a variety of service applications
- Available in bulk form
- Biodegradable

### Ezy-Turn Body Fill - Gate Valve Sealant

- Mineral Oil base
- Has good metal adhesion
- For use where economy is a factor
- -23°C to 177°C (-10°F to 350°F)
- Part No. 925 \_\_
- Not suitable for hydrocarbon resistance
- Displaces moisture
- Available in bulk form
- Good for close tolerance valves

### Ezy-Turn H<sub>2</sub>S - Gate Valve Sealant

- Synthetic and vegetable oil base
- Extremely tacky
- Corrosion resistant
- -18°C to 177°C (0°F to 350°F)
- Part No. 910 \_\_
- Resistant to H<sub>2</sub>S and hydrocarbon fluids
- Use for aliphatic hydrocarbons, i.e. diesel fuel
- Available in bulk form
- Clean up with Jet-Lube Ezy-Open

### Ezy-Turn Polar - Gate Valve Sealant

- Synthetic oil base
- Prevents galling of valve gates and seats
- Will not absorb or mix with water
- -59°C to 121°C (-75°F to 250°F)
- Part No. 915 \_\_
- For use in arctic conditions
- Resistant to H<sub>2</sub>S and CO<sub>2</sub>
- Available in bulk form
- Normal valve operation requires less torque

### SAGD Valve Seal - High Temperature Service Sealant

- For use in steam and geothermal service
- Base fluid is resistant to CO<sub>2</sub>, H<sub>2</sub>S, chemicals, etc.
- Provides excellent lubrication under high pressure
- -32°C to 400°C (-28°F to 750°F)
- Part No. 1761 \_\_
- Gives consistent frictional performance
- Non-toxic, non-hazardous
- Provides oxidation resistance
- Can be used in a wide variety of valve types

## Specialty Products

### Dope Brushes

- Beveled - Part No. 03500
- Tapered - Part No. 03000
- Tapered - 30" Handle - Part No. 02500

## Water Well Products - Design Water

### Chlor-Oust - Chlorine Neutralizer

- Neutralizes or dechlorinates Sterilene
- Neutralizes 100 ppm chlorine (Sterilene)
- Part No. DWT406
- Dissolves very fast
- Within 4 minutes of recirculation

### Mud-Buster - Clay Remover

- Removes clays from an unconsolidated formations
- Part No. DWT41\_
- Enhances well yields in new and old wells.

### pH Neutralize - Neutralizes Any Acidic Liquid

- Extremely concentrated, slightly alkaline liquid
- Readily usable by plant and animal life upon disposal
- Part No. DWT42\_
- Naturally occurring mineral
- Mixes more easily than any of the present powders

### Sterilene - The New Chlorine

- NSF 60 Certified
- Granular but easy to mix, even in cold water
- No corrosive fumes so no corrosion in trucks
- Part No. DWT20\_
- 55% available chlorine
- No premixing to control pH
- No shelf life limitations, lasts forever

### Unicid Catalyst - Mineral Scale Remover

- Liquid organic, slightly acidic formulation with polymer dispersants
- Suspends the debris
- Part No. DWT30\_
- Effectively dissolves blockages
- Protects metal surfaces from corrosion

### Unicid Granular - Mineral Scale Remover

- Granular acid formulation of organic acids
- Noncorrosive, safe for disposal
- Part No. DWT31\_
- Enhanced by chelates, dispersants, and inhibitors
- Unique dissolving capabilities

### Unicid Bullets - Mineral Scale Remover

- Granular acid formulation of organic acids
- Liquid encapsulation process
- Part No. DWT32\_
- Enhanced by chelates, dispersants, and inhibitors
- Unique dissolving capabilities

### Wirehog - Well Casing & Pipe Cleaning Brushes

- Available with steel or poly bristles
- 3" Steel - Part No. DWT109
- 4" Steel - Part No. DWT112
- 5" Steel - Part No. DWT115
- 6" Steel - Part No. DWT118
- 8" Steel - Part No. DWT121
- Use poly brushes for PVC casing and screen
- 3" Poly - Part No. DWT153
- 4" Poly - Part No. DWT156
- 5" Poly - Part No. DWT165
- 6" Poly - Part No. DWT168
- 8" Poly - Part No. DWT171



A CSW Industrials Company

Jet-Lube of Canada Ltd. was established in Edmonton, Alberta in 1954 to take advantage of the oil boom ushered in by Leduc oil discovery and to serve the surge of the new Oil Patch. The first products manufactured were primarily thread compounds designed for the drilling and production industries. By focusing on product quality and reliability, Jet-Lube soon became a dominant force in the niche industry of oilfield thread compounds.

In the mid 1970's the product line was diversified to include MRO (Maintenance, Repair, Overhaul) products such as anti-seize compounds, thread sealants, greases and lubricants, cleaners and degreasers, etc. – products that virtually every industry uses in some part of their operations. The same care and attention to quality has quickly brought us to the fore as a world leader in the manufacture of thread compounds and specialty lubricants. New products are constantly being developed to address new technology and environmental concerns.

Since the late 1980s, Jet-Lube has led the way in the development of environmentally-acceptable lubricants, sealants and related specialty products. After years of reformulation and testing, Jet-Lube now offers industries around the world a complete line of environmentally acceptable products that exceed industry standards and meet Jet-Lube's own high-performance criteria. Qualifying products bear our "Eco-Certified" thumbprint.

Over the past decade warehouse facilities have been added across Canada to better serve our customers from coast to coast. While Jet-Lube of Canada Ltd. continues to be inspired by the potential for further growth, the prime commitment will always be to customer satisfaction.

We are always happy for the opportunity to talk to our customers and potential customers about our products and about specific applications. If we don't have a product on the shelf that will help, ask us about developing or modifying a product specifically for your application. Solving problems is what helps us grow!





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## CONTACT US

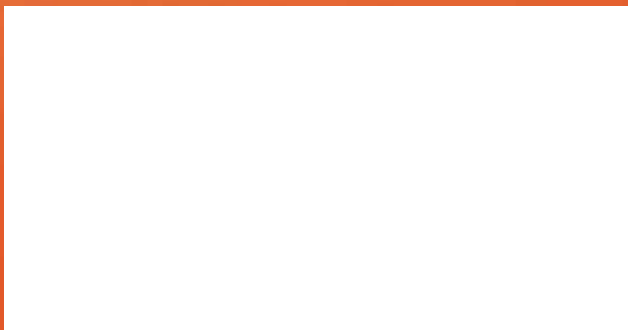
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