

# ENVIRO-GUARD

Drop Pipe Lubricant & Sealant



## TECHNICAL DATA SHEET

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### DESCRIPTION

**ENVIRO-GUARD** has been specially formulated to aid in the assembly/disassembly of downhole casing for water wells. Its unique base grease is highly water resistant and contains inhibitors that allow it to withstand and provide protection against the corrosive effects of caustic environments, thereby extending the life of well casing connections. High film strength protects against galling and a high solids content accommodates thread seal design requirements. Ideal for use on high-chrome connections and for potable water applications. It is metal free and biodegradable.

**ENVIRO-GUARD's** advanced base grease is a carefully selected balance of synthetic and vegetable oils with our Extreme base grease thickener technology coupled with innovative solid lubricants. The result is superior lubrication under high loads with galling resistance equivalent to heavy metal-based compounds in a totally metal-free formulation. This cutting-edge technology provides a high affinity to metal surfaces with a high added-solids content. In addition, there is a large percentage of submicron particles formed by chemical reaction, creating a film that gives consistent frictional performance without restricting proper engagement of the connection contact surfaces.

- Biodegradable
- Nontoxic
- Metal free
- High film strength to protect against galling
- High solids content to accommodate thread seal connection design requirements.
- Ideal for use on high-chrome connections
- Sticks to wet or oily threads

### OPERATING RANGE

-29°C to 260°C (-20°F to 500°F)

### CERTIFICATIONS



### PRODUCT CHARACTERISTICS

Color	Dark Gray to Black
Thickener	Complex Thickeners
Fluid Type	Synthetic and Vegetable
Dropping Point (ASTM D-2265)	> 190°C (374°F)
Specific Gravity, Typical	1.32
Density (kg/liter), Typical	1.32
Oil Separation	
Wt. % Loss @ 100°C (212°F)	< 3.0
Flash Point (ASTM D-92)	> 232°C (450°F)
NLGI Grade	1
Penetration @ 25°C (ASTM D-217)	310 - 340
Copper Strip Corrosion (ASTM D-4048)	1B, typical
4-Ball (ASTM D-2596)	
Weld Point, kgf	800, typical
Salt Fog Resistance (ASTM B-117)	
5% NaCl	> 2,000 hours
20% NaCl	> 750 hours

### PACKAGING

Inventory Code	Container Size	Container
18423	1 US Gal	Pail
18412	2 US Gal	Pail
18415	5 US Gal	Pail



### LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube of Canada Ltd.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube of Canada Ltd. shall not be liable for incidental or consequential damages.