

## DESCRIPTION

**ENVIRO-GUARD™** has been specially formulated to aid in the assembly/disassembly of downhole casing for water wells. **ENVIRO-GUARD's** 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. Metal free and bio-degradable.

**ENVIRO-GUARD's** advanced base grease is a care-fully 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
- Conforms to assembly bill 1953

## PRODUCT CHARACTERISTICS

Color	Dark Gray to Black
Thickener	Complex Thickeners
Fluid Type (oil)	Synthetic & Vegetable
Dropping Point (ASTM D-2265)	374°F (190°C)
Specific Gravity, typical	1.32
Density (lb/gal), typical	11.0
Oil Separation (ASTM D-6184)	<3.0
Wt. % Loss @ 212°F (100°C)	
Flash Point (ASTM D-92)	> 450°F (232°C)
NLGI Grade	1
Penetration @77°F (ASTM D-217)	310 – 340
Copper Strip Corrosion (ASTM D-4048)	1B
4-Ball (ASTM D-2596)	
Weld Point, kgf	800 typical
Salt Fog Resistance (ASTM B-117)	5% NaCl >2000 hrs., 20% NaCl >750 hrs.
Service Rating	-20°F (-29°C) to 500°F (260°C)

**Thixotropic - Stir Well Before Using.**

**For package types and part numbers contact [sales@jetlube.com](mailto:sales@jetlube.com).**

## LIMITED WARRANTY

For warranty information please visit  
[http://www.jetlube.com/pdf/Jet-Lube\\_Warranty.pdf](http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf)