



EZY-TURN® POLAR

GATE VALVE SEALANT FOR ARCTIC CONDITIONS

DESCRIPTION

EZY-TURN® POLAR Gate Valve Sealant is designed for oilfield use under arctic conditions. It will not absorb or mix with water which prevents freeze up at low temperatures. Remains an effective sealant and lubricant to -75° F (-59° C).

EZY-TURN® POLAR contains 100% synthetic base oils that give excellent resistance even in most severe acid conditions. Graphite has been incorporated as a solid boundary lubricant to prevent galling of valve gates and seats. The additive package helps reduce the torque required for normal valve operation compared to other products.

EZY-TURN® POLAR is not affected by hydrogen sulfide encountered in sour crude and gas. It is resistant to hydrocarbons and carbon dioxide at low temperatures.

- Synthetic Base
- Hydrocarbon Resistant
- Pumpable
- Repels Water
- Biodegradable
- H₂S Resistant
- Nontoxic

APPLICATIONS

EZY-TURN® POLAR is designed for oilfield gate valve lubrication under arctic conditions.

EZY-TURN® POLAR is recommended as a lubricant for conveyor systems bearings, bearings, chains, slides, etc. where low temperature service is encountered.

SERVICE RECOMMENDATIONS

- Carbon Dioxide
- Sour Gas
- Sour Crude
- Hydrogen Sulfide

SERVICE RATING

-75° F (-59° C) to 350° F (177° C)

* OEM valve companies may have service ratings above or below those shown based on specifics of their valves.

Note: Not for use with oxygen for strong oxidizers such as hydrogen peroxide or sulfuric acid.

PRODUCT CHARACTERISTICS

Appearance	Paste
Color	Gray to Black
Thickener	Inorganic
Cone Penetration, mm x 10 ⁻¹ (ASTM D-217)	265 – 295
Density (lb/gal)	7.65
Specific Gravity	0.91 Typical
Flash Point, °F (°C) (ASTM D-92)	> 435 (224)
Dropping Point (ASTM D-2265)	None
Oil Separation Wt. % (FTMS 791.B M 321.2) (ASTM D-6184)	5.0 max.
Temperature Range, °F (°C)	-75 to 350 (-59 to 177)

For package types and part numbers contact sales@jetlube.com

LIMITED WARRANTY

For warranty information please visit

http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf

You can also email us at sales@jetlube.com or write to the Sales Department at the address below.