

EZY-TURN® POLAR

GATE VALVE SEALANT FOR ARCTIC CONDITIONS



DESCRIPTION

EZY-TURN® POLAR Gate Valve Sealant is a grey/black lubricant designed for oilfield use under arctic conditions. **EZY-TURN POLAR** is not affected by hydrogen sulfide encountered in sour crude and gas. It is also resistant to carbon dioxide. Pumpable with a high pressure lubricator to -75°F (-59°C).

EZY-TURN POLAR is resistant to hydrocarbons at low temperatures and will not absorb or mix with water, preventing freeze-up at low temperatures. Contains 100% synthetic base oils that are chemically resistant to severe acid conditions. Graphite is incorporated as a solid boundary lubricant to prevent galling of valve gates and seats. Normal valve operation requires less torque than with other products.

- Synthetic Base
- Color: Grey/Black
- Contains Graphite
- Hydrocarbon Resistant
- Repels Water
- Biodegradable
- Reduces Torque
- H₂S Resistant
- Nontoxic
- Pumpable

Note: Not for use with oxygen or strong oxidizers

APPLICATIONS

EZY-TURN POLAR is designed for oilfield gate valve lubrication under arctic conditions. It is resistant to hydrocarbons, hydrogen sulfide, carbon dioxide and water. Remains an effective sealant and lubricant to -75°F (-59°C). **EZY-TURN POLAR** is also recommended as a bearing lubricant for conveyor systems and as a lubricant for bearings, chains, slides, etc. where low temperature service is encountered.

PRODUCT CHARACTERISTICS

Appearance	Grey/Black paste
Penetration	265-295
	(ASTM D-217), mm x 10 ⁻¹
Density (lb/gal), Typical	7.65
Specific Gravity, Typical	0.9
Dropping Point	None
	(ASTM D-2265), °F (°C)
Oil Separation Wt. %	5.0 max
	(FTMS 791.B M.321.2) (ASTM D-6184)
Thickener	Inorganic
Flash Point F° (C°)	>435 (224)
	(ASTM D-92)

SERVICE RECOMMENDATIONS

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

SERVICE RATING*

-75°F (-59°C) to 350°F (177°C)

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

PACKAGING

Part #	Container Size	Container
91516	5 gal / 20 L	Pail

LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. 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, Inc.

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, Inc. shall not be liable for incidental or consequential damages.



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