



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 sulphide encountered in sour crude and gas. It is also resistant to carbon dioxide. Pumpable with a high pressure lubricator down to -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.

ADVANTAGES

- Synthetic Base
- Colour Grey/Black
- Contains Graphite
- Hydrocarbon Resistant
- Repels Water
- Biodegradable
- Reduces Torque
- H₂S Resistant
- Non Toxic
- Pumpable

APPLICATIONS

EZY-TURN POLAR is designed for oilfield gate valve lubrication under arctic conditions. It is resistant to hydrocarbons sulphide, carbon dioxide and water.

Remains an effective sealant and lubricant as low as -59°C.

Note: Not for use with oxygen or strong oxidisers

PRODUCT CHARACTERISTICS

Service range	-59°C to 121°C (-75 to 300°F)
Appearance	Grey/Black Paste
Penetration	265-295
(ASTM D-217), mm x 10 ⁻¹	
Specific Gravity, Typical	0.9
Dropping Point	None
(ASTM D-2265), (°C) °F	
Oil Separation Wt. %	5.0 max
(FTMS 791.B.M. 321.2)	
Thickener	Inorganic
Flash Point (ASTM D-92)	224°C

LIMITED WARRANTY

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

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 (UK) Limited shall not be liable for incidental or consequential damages.

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