

EZY-TURN™ H₂S

Gate Valve Sealant



TECHNICAL DATA SHEET

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DESCRIPTION

EZY-TURN™ H₂S is a premium gate valve sealant formulated from a unique blend of vegetable and synthetic oils thickened with silica to provide maximum resistance to hydrogen sulfide and hydrocarbon fluids to temperatures as high as 177°C (350°F). This black, tacky compound is extremely adhesive to all metal surfaces while being both waterproof and corrosion resistant.

EZY-TURN H₂S is injected into the gate valve by a high pressure lubricator at temperatures as low as -18°C (0°F) to protect the precision gate from scoring or galling while significantly reducing torque requirements for normal operation.

Recommended Cleanup: Although conventional solvents like methanol, ethanol, IPA, chlorinated solvents, aromatic solvents, acetone and other ketones can be utilized, Jet-Lube recommends its EZY-OPEN™ or other safe oxygenated solvents. EZY-OPEN is a nontoxic, nonflammable, biodegradable lubricant and cleanser specifically designed for valve cleaning applications. It contains no components listed as federal hazardous wastes.

APPLICATIONS

EZY-TURN H₂S Gate Valve Sealant is recommended for use in gate valves where contact with sour crude or gas is expected. Excellent for use with aliphatic hydrocarbons such as diesel fuel.

SERVICE RECOMMENDATIONS

Acid Solutions	Diesel Fuel
Hydrocarbon Gases & Liquids	Sour Gas & Crude

OPERATING RANGE:
-18°C to 177°C (0°F to 350°F)

FOR TEMPERATURES LOWER THAN -18°C (0°F)
USE JET-LUBE EZY-TURN POLAR GATE VALVE SEALANT

CHARACTERISTICS

- Synthetic Oil Base
- Reduces Torque
- Very Adhesive
- Biodegradable
- Waterproof
- Hydrocarbon Resistant
- Color: Grey/Black
- Nontoxic
- Tacky Finish
- Nonhazardous
- H₂S Resistant
- Corrosion Resistant

PRODUCT SPECIFICATIONS

Appearance	Sticky Grey/Black Gel w/Pungent Odor
Cone Penetration (ASTM D-217), MMx 10 ⁻¹	320 - 360
Density (lbs/gallon), Typical	10.62
Specific Gravity, Typical	1.06
Dropping Point (ASTM D-2265)	None
Oil Separation, Wt. % (FTMS 791.B M 321.2)	5.0 Max.
Thickener	Inorganic
Flash Point (ASTM D-92)	>204°C (400°F)

NOTE: Not for use with oxygen or strong oxidizers.

PACKAGING

Inventory Code	Size	Description
91016	40 Lb.	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.