



EZY-TURN® #4

GATE VALVE SEALANT

DESCRIPTION

EZY-TURN® #4 Gate Valve Sealant is ideal for applications requiring maximum hydrocarbon resistance. It is pumpable to temperatures as low as -40°F (-40°C) when used with a high-pressure lubricator. It retains its consistency at 500°F (260°C) within a valve where oxygen contact is avoided.

EZY-TURN® #4 is formulated using food grade polyester base fluids and contains molybdenum disulfide (MoS₂) and hydrogen sulfide (H₂S) inhibitors. The base fluids provide increased resistance to aliphatic hydrocarbons when compared to vegetable-based products. The MoS₂ enhances sealing and lubrication by burnishing into scratches effectively renewing surfaces. The H₂S inhibitors provide longer product life in sour gas service.

EZY-TURN® #4 is resistant to aliphatic hydrocarbons and lowers the torque necessary for smooth valve operation while protecting internal surfaces from scoring and galling. It has excellent water resistance but is not recommended for steam or highly alkaline service.

- Polyester Based
- Contains MoS₂
- Stops Leaks
- Nonhazardous
- Reduces Torque
- Prevents Corrosion
- Biodegradable
- Heat Resistant
- Pumpable
- Water Resistant

APPLICATIONS

EZY-TURN® #4 Gate Valve Sealant is recommended for use in valve application requiring aliphatic hydrocarbon resistance or where high and low temperature extremes are encountered.

SERVICE RATING

>-40° F (-40° C) to ≥400° F (204° C)
It can retain its consistency at 500°F (260°C) within a valve where oxygen contact is excluded.

RECOMMENDED CLEANUP

Jet-Lube® recommends using **EZY-OPEN™** or other safe oxygenated solvents for best clean up.

EZY-OPEN™ is a nontoxic, nonflammable, biodegradable lubricant and cleaner specifically designed for valve cleaning applications.

PRODUCT CHARACTERISTICS

Appearance	Semi-Plastic
Color	Gray to Black
Thickener	Inorganic
Cone Penetration, mm X 10 ⁻¹ (ASTM D-217)	225 - 245
Specific Gravity	1.11
Density (lb/gal)	9.25 Typical
Dropping Point (ASTM D-2265)	None
Oil Separation, Wt % (ASTM D-6184)	1.0 Maximum
4-Ball Weld Point (ASTM D-2596)	620-800
Water Wash-out (ASTM D-1264)	<2%
Evaporative loss, 24 hr @ 150°C	<0.5%
pH Range	2 - 9
Corrosivity (Nace Std TM-01-69)	<5.66 mil/year
Oxidation Stability	<5 psi drop, 168
hrs. Water Solubility	None

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

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