



EZY-PUMP FRAC VALVE SEALANT

DESCRIPTION

Jet-Lube® EZY-PUMP FRAC VALVE SEALANT is ideal for hydraulic fracturing operations requiring resistance to hydrochloric acid, methanol and other hydrocarbons. It is pumpable to temperatures as low as -30°F (-36°C) when used with a high-pressure lubricator using a low pour point oil and viscosity building polymer which has little detrimental effect to low temperature pumpability.

EZY-PUMP FRAC VALVE SEALANT is formulated with boundary lubricants including graphite, molybdenum disulfide (MoS₂) and hydrogen sulfide (H₂S) and rust inhibitors. The MoS₂ enhances sealing and lubrication by burnishing into scratches effectively renewing surfaces. Being heavier than oil allows the product to more readily displace water and residues from the body of gate valves. H₂S inhibitors provide longer product life in sour gas service.

EZY-PUMP FRAC VALVE SEALANT is resistant to aliphatic hydrocarbons and lowers the torque necessary for smooth valve operation while protecting internal surfaces from scoring and galling.

- Aluminum Complex Based
- Contains Graphite & MoS₂
- Stops Leaks
- Nonhazardous
- Reduces Torque
- Prevents Corrosion
- Heat Resistant
- Pumpable
- Water Resistant

APPLICATIONS

EZY-PUMP FRAC VALVE SEALANT is recommended for use in valve application requiring aliphatic hydrocarbon resistance or where high and low temperature extremes are encountered.

SERVICE RATING

>-45° F (-43° 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 nonflammable, biodegradable lubricant and cleaner specifically designed for valve cleaning applications.

PRODUCT CHARACTERISTICS

Appearance	Semi-Plastic/Smooth
Color	Grey
Thickener	Aluminum Complex
NLGI	1.5
Cone Penetration (mm X 10 ⁻¹) (ASTM D-217)	280-310
Specific Gravity	1.0185
Density (lb/gal)	8.50
Dropping Point °F (°C) (ASTM D-2265)	290°C
Oil Separation, wt % (ASTM D-6184)	<1.0
4-Ball Weld Point (kgf) (ASTM D-2596)	620
Water Washout, % Loss (ASTM D-1264)	<2
Evaporative Loss, % Loss 24 hr @ 100°C	<0.5
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

www.jetlube.com/resources/product-index/

Limited Warranty

www.jetlube.com/assets/documents/Jet-Lube_Warranty.pdf