



EZY-TURN® #4 STICK

GATE & PLUG VALVE SEALANT

DESCRIPTION

EZY-TURN® #4 Gate Valve Sealant is formulated from food-grade polyester base fluids that provide increased resistance to aliphatic hydrocarbons. When compared with the standard vegetable products, **EZY-TURN #4** has superior performance characteristics in both low and high-temperature applications. Lubrication and sealing is enhanced by the addition of molybdenum disulfide, which effectively burnishes into scratches, renewing the surface.

EZY-TURN #4 is ideal for applications requiring maximum hydrocarbon resistance and is pumpable with a high-pressure lubricator. **EZY-TURN #4** remains pumpable at -40°F (-40°C) while retaining its firm consistency at 500°F (260°C) inside a valve where oxygen contact is avoided. Excellent resistance to water and aqueous solutions, but not recommended for steam or highly alkaline service. Contains H₂S inhibitors for longer service-ability in sour gas service.

- Polyester Based Fluids
- Color: Grey/Black
- Contains Moly
- Nontoxic
- Water Resistant
- Heat Resistant
- Multipurpose
- Reduced Torque
- Nonhazardous
- Biodegradable

APPLICATIONS

Oilfield: Gate valve sealant for use where aliphatic hydrocarbon resistance is required or where high and low temperature extremes are encountered.

Industrial: Refinery, power plant, petrochemical or industrial gate valve sealant use.

Marine: All gate valve usage.

SERVICE RECOMMENDATIONS

- Gasoline
- Fuel Oils
- Crude
- Water
- Liquid & Gaseous Aliphatic Hydrocarbons
- Kerosene
- Jet Fuel
- Natural Gas
- Aqueous Solutions

TEMPERATURE RANGE

-40°F (-40°C) to 500°F (260°C)

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.

PRODUCT CHARACTERISTICS

Corrosivity, NACE STD TM-01-69	<5.66 mil/year
Oxidation Stability	<5 psi drop, 168 hrs.
Water Solubility	Nil

Appearance

Stick	Black Semi Paste
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Penetration (ASTM D-217), mm x 10³, unworked

Stick	100 - 130
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Density (lb/gal), Typical

Stick	11.0
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Specific Gravity, Typical

Stick	1.32
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Dropping Point (ASTM D-2265)

Stick	None
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Oil Separation (FTMS 791.B M.321.2) (ASTM D-6184)

Stick	1.0 max
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Flash Point (ASTM D-92) °F (°C)

Stick	>500 (260)
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Temperature Range °F (°C)

Stick	-40 (-40) to 500 (260)
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pH Range

Stick	2 – 9
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Note: Not for use with oxygen or 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

You can also email us at sales@jetlube.com or write to the Sales Department at the address below.