



EZY-TURN® #5

GENERAL PURPOSE PLUG VALVE SEALANT

DESCRIPTION

EZY-TURN® #5 Plug Valve Sealant is formulated from non-toxic, high-viscosity vegetable oils, and polymers to assure heavy-duty sealing and lubrication in a wide range of general-purpose applications where resistance to aliphatic hydrocarbons or aqueous solutions is required. Contains a food-grade thickener with no other solid lubricant fillers.

EZY-TURN #5 is the recommended plug valve sealant to use for maximum sealing power and lowered valve torque requirements. It is pumpable using a high-pressure lubricator and works well for a majority of valve maintenance applications.

- Vegetable Oil Base
- Color: Amber
- Food Grade Additive
- No Solid Lubricants
- All Purpose
- Resists Aliphatic Hydrocarbons
- Pumpable
- Nonhazardous
- Lowers Torque
- Nontoxic
- Biodegradable

APPLICATIONS

EZY-TURN #5 can be used as the primary sealant in most plug valve lubrication programs. It is suitable for aqueous and hydrocarbon service. Its heavy-viscosity base oils provide maximum sealing power while lowering the torque required to operate the valve. Recommended for use in oilfield, refining, petrochemical, power plant, chemical plant, and marine applications.

SERVICE RECOMMENDATIONS

- Aliphatic, Hydrocarbon Liquids
- Crude Oil, Distillates
- Dilute Acids
- Dilute Alkalis
- Fuel Oil
- Gasoline
- Natural Gas
- Water

TEMPERATURE RANGE

0°F (-18°C) to 400°F (204°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

Appearance

Bulk	Amber Paste
Stick	Amber Semi-Plastic

Cone Penetration (ASTM D-217)

Bulk	220-240
Stick	70-90

Density (lb/gal), Typical

Bulk	8.96
Cartridge	9.20

Specific Gravity, Typical

Bulk	1.07
Stick	1.11

Dropping Point (ASTM D-2265)

Bulk & Stick	None
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Oil Separation (FTMS 791.B M.321.2)

Bulk	2.0 max
Stick	1.0 max

Thickener

Bulk & Stick	Inorganic
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Flash Point °F (°C) (ASTM D-92)

Bulk & Stick	>400 (204)
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pH Range

Bulk & Stick	2 – 9
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Note: Not for use with oxygen or strong oxidizers such as hydrogen peroxide or sulfuric acid.