



# 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.**