



EZY-TURN® #12

GATE & PLUG VALVE SEAT SEALANT & BODY FILL LUBRICANT

DESCRIPTION

EZY-TURN® #12 Gate Valve Seat Sealant and Body Fill Lubricant is a “peanut butter” type product designed for use with expanding gate type valves incorporating body cavities and for specific plug valve designs. It contains inhibitors to protect against the corrosive effects of H₂S and rust generating chemicals. Recommended for use in applications where a hydrocarbon resistant sealant is required.

EZY-TURN #12 is formulated from a blend of vegetable oils and polymer to ensure reduced torque requirements for valve operation while providing a leakproof seal. Can be used in direct contact with both gaseous and liquid hydrocarbons. **EZY-TURN #12** is designed to be injected into the valve body using a high-pressure lubricator. Ideal general-purpose sealant.

- “Peanut Butter” Type
- Vegetable Oil/Polymer Base
- Nontoxic
- Nonhazardous
- Color: Beige/Brown
- Economical
- Leak Proof Seal
- Injectable
- Biodegradable
- H₂S Inhibited

APPLICATIONS

EZY-TURN #12 is designed primarily for oilfield applications. Can be used on Christmas trees or line valves. Effective in services that involve mixtures of hydrocarbons with salt water, dilute acids or alkalis and other mixtures encountered in production situations.

EZY-TURN #12 will lower the torque required to operate the valve while providing a positive seal against leaks. **EZY-TURN #12** is the ideal choice where a “peanut butter” type sealant is specified. The wide range of service applications makes **EZY-TURN #12** an ideal general-purpose sealant.

Recommended Cleanup: Although conventional solvents like methanol, ethanol, IPA, chlorinated solvent, 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.

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

PRODUCT CHARACTERISTICS

Appearance	Beige/Brown Sticky Paste
Cone Penetration, mm x 10 ⁻¹ (ASTM D-217)	270 – 290
Density (lbs./gal), Typical	10.9
Specific Gravity, Typical	1.30
Dropping Point (ASTM D-2265)	None
Oil Separation Wt. % (ASTM D-6184)	5.0 max.
(FTMS 791.B M.321.2)	
Thickener	Inorganic
Flash Point °F(°C) (ASTM D-92)	> 400 (204)
Temperature Range °F (°C)	0 (-18) to 250 (121)
pH Range	2 – 9
Brookfield Viscosity	260K - 560K

SERVICE RECOMMENDATIONS

- Crude Oil
- Dilute Acids
- Aqueous Solutions
- Organic Condensates
- Petroleum Liquids
- Petroleum Gases
- Salt Water
- Dilute Bases