



JET-LUBE®

Valve Maintenance Solutions



Jet-Lube® offers a complete line of Valve Sealants, Lubricants and Packings to ensure your valves operate at maximum efficiency.

***Minimize downtime and
keep your equipment
lasting longer.***



VALVE LUBRICANTS

EZY-TURN® #2

GATE / PLUG VALVE BODY FILL LUBRICANT

EZY-TURN #2 is a general purpose biodegradable valve lubricant that is comprised of synthetic oils that are hydrogen sulfide (H₂S) inhibited and corrosion resistant. This compound will not mix with water or frac sands. The Ideal product for any wellhead, frac, and industrial valves where hydrocarbon resistance is a priority. Lubricant with a synthetic base and no solid fillers.

Applications: Ideal for any frac, wellhead or industrial valve.

Service Rating: 0°F (-18°C) - 450°F (232°C)

EZY-TURN® #3

VALVE SEALANT BODY FILL LUBRICANT W/ MOS2

EZY-TURN #3 contains a blend of vegetable oils and molybdenum disulfide (MoS₂). This specially formulated base gives EZY-TURN #3 the ability to lower torque for smooth valve operation. The special additives to this compound makes EZY-TURN #3 resistant to all aliphatic hydrocarbons and LP Gases.

Applications: Ideal for any pipeline and compressor station operation valve.

Service Rating: 0°F (-18°C) - 500°F (260°C)

EZY-TURN® #3 ARCTIC

GATE / PLUG VALVE & BODY FILL LUBRICANT

EZY-TURN #3 ARCTIC has a specially formulated, proprietary, base grease that allows this paste-like compound to be easily pumped in arctic conditions. It adheres to metal providing a thin protective barrier from galling while providing superior leak protection.

Applications: Ideal for pipeline and compressor station plug or gate valves where high concentrations of Hydrogen sulfide (H₂S), or salt water are present.

Excellent resistance to aliphatic liquids and gases.

Service Rating: -58°F (-50°C) - 500°F (260°C)

EZY-TURN® #4

GATE VALVE & BODY FILL LUBRICANT W/ MOS2

EZY-TURN #4 is formulated using food grade polyester base fluids and contains molybdenum disulfide (MoS₂) and hydrogen sulfide (H₂S) inhibitors. Ideal for applications requiring maximum hydrocarbon resistance. EZY-TURN #4 is pumpable to temperatures as low as -40°F (-40°C) when used with a high-pressure lubricator; it retains its consistency at 500°F (260°C) within a valve where oxygen contact is avoided.

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

Applications: Is recommended for use in valve application requiring aliphatic hydrocarbon resistance or where high and low temperature extremes are encountered like refinery, power plants, petrochemical gate valves that encounter extreme high and low temperatures.

Service Rating: >-40° F (-40° C) to >400° F (204° C) It can retain its consistency at 500°F (260°C) within a valve where oxygen contact is excluded.

EZY-TURN® #5

PLUG VALVE & BODY FILL LUBRICANT

EZY-TURN #5 the recommended plug valve sealant to use for maximum sealing power and lowered valve torque requirements contains a food-grade thickener with no other solid lubricant fillers. EZY-TURN #5 is formulated with 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.

Applications: Can be used as the primary sealant in most plug valve lubrication programs.

Service Rating: 0°F (-18°C) - 400°F (204°C)

EZY-TURN® #12

GATE / PLUG VALVE BODY FILL LUBRICANT

EZY-TURN #12 is a “peanut butter” type product that is specially designed for expanding gate valves. Hydrogen sulfide (H₂S) and rust inhibited, #12 provides a particleproof seal while lowering torque for easy operation again and again.

Applications: Ideal for use in gate valves that specify a “peanut butter” type lubricant. Is recommend for use in gate valves encountering hydrocarbons mixed with water and dilute acids or alkalies.

Service Rating: 0°F (-18°C) - 250°F (121°C)

EZY-TURN® POLAR

GATE VALVE BODY FILL LUBRICANT - (ARCTIC CONDITIONS)

EZY-TURN POLAR is a premium gate valve lubricant containing specially blended base oils allowing it to be pumpable in arctic conditions. This grey/black paste is hydrogen sulfide (H₂S) inhibited and resistant to carbon dioxide. Polar will not mix with water and adheres to metal providing a solid boundary that prevents galling and seizure.

Applications: Designed for use in any gate valve requiring lubrication under arctic conditions. Resistant to hydrocarbons, hydrogen sulfide, carbon dioxide and water.

Service Rating: -75°F (-59°C) - 350°F (177°C)

EZY-TURN® #196

HIGH-TEMP/HIGH-PRESSURE VALVE SEALANT & BODY FILL LUBRICANT

EZY-TURN #196 is a premium sealant formulated from a unique blend of high viscosity gas resistant synthetic and vegetable-based oils for use in all valve types. Ideal sealant for service applications involving gases, distillates, dilute acids and steam.

Applications: Recommended for any gate valve application requiring resistance to hydrocarbon or hydrocarbon/water mixtures.

Service Rating: 0°F (-18°C) - 420°F (215°C)

EZY-TURN® H₂S

HIGH-TEMP/PRESSURE VALVE & BODY FILL LUBRICANT

EZY-TURN H₂S is specially designed for lubricating where extreme heat and high amounts of hydrogen sulfide (H₂S) are present. This black tacky compound stays put on all metal surfaces and is water resistant. The vegetable and synthetic oil base is thickened with silica to provide maximum resistance to H₂S and hydrocarbons.

Applications: Recommended for all gate valves that may come in contact with sour crude or sour gas. Excellent for use with acid solutions and diesel fuels.

Service Rating: 0°F (-18°C) - 400°F (204°C)

EZY-TURN® BODY FILL

GATE VALVE BODY FILL LUBRICANT

EZY-TURN BODY FILL is a smooth grey to black sticky paste that adheres well to metal. The petroleum oil base, allows Body Fill to easily flow into tight valve bodies and orifices all while providing excellent corrosion resistant.

Applications: Body Fill should be used where hydrocarbon resistance is not a major factor but economy is.

Service Rating: -20°F (-29°C) - 350°F (177°C)

EZY-TURN® ARCTIC BODY FILL

GATE VALVE BODY FILL LUBRICANT

EZY-TURN ARCTIC BODY FILL is a petroleum oil-based sealant suitable for displacing water and foreign material in gate valve body cavities. EZY-TURN ARCTIC BODY FILL has shown it has excellent ability to remain the body cavity during field service even though it is petroleum based. It has good metal adhesion and readily flows into hard to fill orifices and channels when pumped with a high-pressure lubricator.

Applications: Body Fill should be used where hydrocarbon resistance is not a major factor but economy is.

Service Rating: -40°F (-40°C) - 300°F (149°C)

SAG-D VALVE SEAL

GATE VALVE LUBRICANT & SEALANT (HIGH-TEMP)

SAG-D VALVE SEAL is a premium semi-synthetic based lubricant and sealant for use in a wide variety of valve types utilized in high temperature services like geothermal well heads, steam, petroleum refineries, etc. The high viscosity base fluid is unaffected by acids, oils, CO₂, H₂S, glycols, caustics, water, steam, alcohols and other similar solvents. SAG-D VALVE SEAL is fortified with antioxidants and rust inhibitors to augment the natural film-forming and antioxidant properties of the base fluid blend. (Only available in Canada.)

Applications: Body Fill should be used where hydrocarbon resistance is not a major factor but economy is.

Service Rating: -25°F (-32°C) - 750°F (400°C)



GATE/PLUG VALVES

EZY-TURN® #7 BALL VALVE LUBRICANT

EZY-TURN #7 ball valve lubricant is formulated from premium food grade synthetic fluids for maximum hydrocarbon resistance. Hydrogen sulfide (H₂S) and corrosion resistant, this product retains its consistency at a wide temperature range.

Applications: Ideal for use in ball valves where the temperature range of conventional vegetable oil product will not work. Particularly well suited for low temperature applications.

Service Rating: -30°F (-35°C) - 400°F (204°C)

MOISTURE PROOFING AND LUBRICATING COMPOUNDS

SILICONE COMPOUND DM™ 2 & 3 MOISTURE-PROOFING NON-CONDUCTIVE LUBRICANT - NSF H1

SILICONE COMPOUND DM is a premium silicone compound for use in a wide variety of applications. With its low volatility and inert properties, it will not react with many elastomers and plastics. Ideal for any valve application that encounters acetic acid, acetone or citric acid. Well suited for spark plugs or as a valve packing.

Applications: Cryogenic environments, lubricant for plug and gate valves, stuffing boxes, O-rings, and vacuum and pressure systems.

Service Rating: -50°F (-46°C) - 400°F (204°C)

MP SILICONE GREASE™ MOISTURE PROOFING LUBRICANT

MP SILICONE GREASE is a premium silicone grease that can be used with a wide range of elastomers. The inert properties that make up MP SILICONE allow it to be used as an assembly grease for all valve components. It can be used as a releasing agent for both metal and plastic.

Applications: Ideal for low temperature refrigeration applications as well as high temperature bearing and conveyor systems.

Service Rating: -70°F (-57°C) - 400°F (204°C)

VALVE PENETRANT

EZY-OPEN™ LIQUID VALVE PENETRANT

EZY-OPEN LIQUID is formulated for select nontoxic, nonflammable and biodegradable fluids capable of dissolving scale, rust, corrosion, and oil oxidized valve lubricant. EZY-OPEN LIQUID contains special detergents to remove a gamut of blockages including PTFE.

Applications: Designed to penetrate and lubricate disabled and hard-to-operate lubricated valves. Excellent for use in any injectable assembly to aid in disassembly.

Service Rating: -10°F (-23°C) - 400°F (204°C)



PACKING COMPOUNDS

EZY-PAK™ EXTREME

LOW "E" INJECTABLE VALVE STEM PACKING

EZY-PAK EXTREME is a zero VOC's, enhanced low "E" (low emission) formulation using a balance of molybdenum disulfide (MoS₂) and surface modified synthetic graphite combined to provide lubrication and enhanced seal energizing properties for a wide variety of temperatures and pressures.

Applications: Ideal for petrochemical, refining and pipeline valve maintenance needs. Specially formulated for D&T (Drill & Tap) Programs to assist and seal packing materials where fugitive emission concerns are present.

- All adjustable valves and pumps with packing
Service Rating: -40°F (-40°C) to 750°F (399°C)

EZY-PAK™ EXTREME FA

LOW "E" INJECTABLE VALVE STEM PACKING

EZY-PAK EXTREME FA (Fiber Added) is a zero VOC's, fiber enhanced low-emission (Low-E) formulation using a balance of molybdenum disulfide (MoS₂) and surface modified synthetic graphite and carbon fibers to provide lubrication and greater enhanced seal energizing properties for a wide variety of temperatures and pressures.

Applications: Ideal for petrochemical, refining and pipeline valve maintenance needs. Specially formulated for D&T (Drill & Tap) Programs to assist and seal packing materials where fugitive emission concerns are present.

- All adjustable valves and pumps with packing
Service Rating: -40° F (-40°C) to 750°F (399°C)

EZY-PAK™ PTFE LE

LOW "E" INJECTABLE SEALANT/ PACKING

EZY-PAK PTFE LE is a highly versatile and durable self-molding injectable packing designed for use on all types of valves, stuffing boxes, pumps, and mechanical equipment. EZY-PAK PTFE LE is pre-packed manually or pumped into place with a high pressure grease gun (10,000 PSI). This packing is chemically stable and resistant to most chemicals over a wide pH range. It is designed to lubricate and seal once the packing material has failed, leaked, or exceeded the guaranteed life cycle.

Applications: Specially formulated for D&T (Drill & Tap) Programs to assist and seal packing materials where fugitive emission concerns are present.

- Valves, clamps, flanges, and enclosures
- All adjustable valves and pumps with packing
Service Rating: -100°F (-73°C) to 500°F (260°C)

EZY-PAK™ HCR

PACKING FOR USE IN EXPANDING TYPE GATE VALVES

EZY-PAK HCR, the most used packing compound, is designed specifically for use in expanding gate type valve stem glands. Formulated from synthetic fluid and fibers plus inert fillers and a high percentage of ground PTFE particles for performance over a wide temperature range EZY-PAK HCR is ideal for preventing leaks while lowering the torque required to operate the valve.

Applications: Can be pumped into the stem gland of expanding gate valves through ball check fittings on the body or bonnet EZY-PAK HCR can also be shaped by hand and pressed into any area requiring leakfree seal or packing.

Service Rating: -80°F (-62°C) to 550°F (288°C)

EZY-PAK™ ARCTIC

INJECTABLE PACKING COMPOUND

EZY-PAK ARCTIC is designed for use in severe arctic conditions. EZY-PAK ARCTIC is formulated from synthetic binders, polymers, inert fillers and fibers and will conform to any shape, preventing leaks and/or foreign materials from entering the valve cavity.

Applications: Specifically designed to provide a flexible packing for applications such as oilfield valve and wellhead used in arctic conditions.

Service Rating: -75°F (-60°C) to 750°F (400°C)



HIGH-PERFORMANCE PRODUCTS FOR EXTREME ENVIRONMENTAL CONDITIONS

Jet-Lube is a global-recognized manufacturer of lubricants and compounds for oilfield, industrial and water well markets. Its' high-performance products withstand moderate to extreme environmental conditions and fit many application needs within industry. Since 1949.

Jet-Lube focuses strongly on producing high-quality anti-seizes & thread lubricants, cleaners & degreasers, drilling compounds, extreme pressure greases, extruded gasket compounds, food grade products, OCTG Products, open gear lubricants, sealing compounds, thread sealants, valve injectable packings, valve lubricants, water rehabilitation products and wire rope lubricants & oils.



Our Products:
<https://www.jetlube.com/resources/product-index>

JL 10 / 2021

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