



603

PLUG VALVE LUBRICANT

Made with LIQUILON®

- GEAR OILS
- MOTOR OILS
- HYDRAULIC OILS
- PIPE COATINGS
- THREAD SEALANTS
- BEARING GREASES
- SPECIALTY GREASES
- THREAD COMPOUNDS
- SUCKER ROD COATINGS
- OUTSIDE PRESERVATIVES
- WIRELINE GREASE SEALS
- CLEANERS & DEGREASERS
- PIPE STORAGE COMPOUNDS
- RUST & CORROSION INHIBITORS
- THREAD LOCKING COMPOUNDS
- VALVE LUBRICANTS & SEALANTS
- TOOL JOINT & DRILL COLLAR COMPOUNDS

PRODUCT DESCRIPTION

603 Plug Valve Lubricant is a general purpose, synthetic lubricant for use on a wide range of applications that require resistance to aliphatic hydrocarbons or aqueous solutions. 603 Plug Valve Lubricant assures heavy duty sealing and lubrication, keeps valves free moving, prevents liquid or gas from escaping, is insoluble in water, combats corrosion, and eliminates waste. It is manufactured by thixotropic, thickening additive. The LIQUILON in 603 Plug Valve Lubricant is unaffected by acids, oils, caustics, or common solvents and prevents metal-to-metal contact.

Recommended as a plug valve sealant, 603 Plug Valve Lubricant lowers torque requirements while providing the utmost in sealing.

BENEFITS

- General purpose lubricant
- Eliminates sticking
- Pumpable
- Services temperatures to >450°F (>232°C)
- Non-hazardous
- Prevents metal-to-metal contact
- Keeps valves free moving
- Resists acids, caustics, harsh chemicals, and aliphatic hydrocarbons
- Non-toxic
- Insoluble in water
- Combats corrosion
- Eliminates waste
- Assures heavy-duty sealing and lubrication

APPLICATION

603 Plug Valve Lubricant is a synthetic valve lubricant designed for general applications. 603 Plug Valve Lubricant is available in cartridges for easy application to valves equipped with buttonhead fittings.

Areas of application of 603 Plug Valve Lubricant include the oilfield, power plant, petrochemical, refining, chemical, and marine industries.

TYPICAL OBSERVATIONS

Color	Green*
Appearance	Paste
Texture	Grainy
Active Component	LIQUILON®*
Manufacturing Process	Fluoromation
Base Oil Type	Synthetic
Density, lb/gal @ 77°F (25°C)	9.43
Specific Gravity, @ 77°F (25°C)	1.13
Dropping Point, ASTM D-2265	>500°F (>260°C)
Flash Point	445°F (229°C)
Penetration,	
ASTM D-217 worked @ 77°F (25°C)	205
Corrosion Preventive Properties,	
ASTM D-1743 @ 125°F (52°C)	Pass
Oil Separation, ASTM-1742 @ 77°F (25°C)	>2%
Oxidation Stability,	
ASTM D-972 @ 210°F (98°C), 100 hrs, PSI loss	10
Temperature Range	-20°F to >450°F (-29°C to >232°C)
Shelf Life (unopened container)	Two years

** When exposed to UV light, the surface of this product may turn a brownish color. The color change will NOT affect the performance properties of this product.*

