

1610

VALVE GUARDIAN PREMIUM

PRODUCT DESCRIPTION

1610 Valve Guardian Premium is one of three Valve Guardian products. This exceptional product is primarily for use as valve body fill grease for gate valves and frac valves. 1610 is highly water resistant, and is made with micro-grade molybdenum disulfide powder to provide lubrication to the valve components. The 12 hydroxy lithium base thickener provides a drop point of 375°F from the highly resistant grease base. It is commonly used as a body fill or to lubricate valves in service where petroleum base lubricants are recommended.

Additional applications for 1610 Valve Guardian Premium include frac valves, pipeline valves, gate valves, ball valves, and plug valves. Valve Guardian Premium 1610 is an economical, high performing product manufactured to the highest standards. Its tacky consistency and premium corrosion inhibitor package will protect valves from extreme conditions during storage, transport, or operation. As a valve lubricant 1610 Valve Guardian Premium surpasses the performance characteristics of conventional moly greases and graphite greases.

APPLICATION

1610 Valve Guardian Premium is primarily used as a body fill grease for gate valves. Additional applications for this versatile product include lubricant for gaskets, couplings, water well casing, nipples, packings, gears, pipe threads, light-duty drilling, high temperature bearings, drive chains, bull plugs, cams, pipe storage, and industrial machine parts.

RELATED PRODUCTS

1600 Valve Guardian
1620 Valve Guardian Extreme
1640 Valve Guardian Basic

TYPICAL OBSERVATIONS

Color	Gray
Texture	Smooth
NLGI Grade	2
Density, lb/gal @ 77°F (25°C)	7.44
Specific Gravity, @ 77°F (25°C)	0.892
Dropping Point, ASTM D-2265	>350°F (>176°C)
Penetration, ASTM D-217	
Worked @ 77°F (25°C)	265–295
Viscosity Index of Oil	95
Flash Point, ASTM D-92	>450°F (>232°C)
Temperature Range	-20°F to 400°F (-28°C to 204°C)
4-Ball EP Weld Load, Kgf ASTM 2596	200 Pass 200 Weld
Shelf Life (unopened container)	Four Years

BENEFITS

- High temperature
- Water-resistant
- Corrosion protection
- Contains moly disulfide
- Adheres to metal surfaces
- Excellent for storage
- Non-metallic
- Prevents freezing of valves
- Adheres to valve components

FRAC

FLUSH

ARCTIC

STORAGE

SEALANTS

CLEANERS

ASSEMBLY

BALL VALVE
LUBRICANTS

GATE VALVE
LUBRICANTS

PLUG VALVE
LUBRICANTS

STICK PACKING



Liquid-O-Ring®*

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