



607

VALVE PLUS

CO₂ Resistant Lubricant and Sealant

- 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

607 Valve Plus is manufactured for the lubrication and sealing of valves. A 100% synthetic lubricant and sealant, 607 Valve Plus provides superb lubrication and sealing to valves exposed to CO₂ and other harsh environments while providing excellent corrosion resistance. It is insoluble in water, oilfield brine, and hydrochloric acid. 607 Valve Plus is non-separating, will not absorb moisture, and has excellent leak-resistance, even when exposed to hydrogen sulfide, gasoline, crude oil, and diesel. 607 Valve Plus has superb cohesive properties and will not wash out even under adverse conditions thus maximizing valve sealing. It allows continuous valve operation during extended lubrication intervals. 607 Valve Plus does not contain bentonite or soap thickeners which can cause build up in the valve body and interfere with valve operation. 607 Valve Plus services temperatures from -50°F to >500°F (-45°C to 260°C).

BENEFITS

- Resists CO₂ (Carbon Dioxide)
- 100% synthetic
- Temperature range of -50°F to >500°F (-45°C to >260°C)
- Insoluble in water, oilfield brine, and hydrochloric acid
- Washout resistant
- Excellent corrosion resistance
- Non-melting
- Non-separating
- Excellent leak resistance
- Contains no bentonite or soaps

APPLICATION

607 Valve Plus is recommended for industries such as Valve Manufacturers, Pipe Line Companies, Utilities, Gathering Systems, Valve Rebuilders, Chemical Processing and Refineries. Apply 607 Valve Plus to plug valves, ball valves, gate valves, crude oil pipe line valves, gathering systems valves, motor and hand operated valves, high or low pressure valves.

TYPICAL OBSERVATIONS

Color	White
Texture	Smooth Paste
Thickener	Fumed Silica
Density, lb/gal @ 77°F (25°C)	
NLGI 1.5	8.0
NLGI 2.5	8.14
Specific Gravity, @ 77°F (25°C)	
NLGI 1.5	0.959
NLGI 2.5	0.975
Dropping Point, ASTM D-2265	>500°F (>260°C)
Flash Point, ASTM D-92 based on oil	>500°F (>260°C)
Penetration, ASTM D-217	
Worked	250–260
Unworked	170–200
Blend, Base Oil Viscosity, cSt @ 40°C	4733
Corrosion Preventive Properties,	
ASTM D-1743 @ 125°F (52°C)	Pass
Water Washout Characteristics,	
ASTM D-1264 @ 100°F (37°C)	Nil
Evaporation Loss,	
ASTM D-972 @ 210°F (99°C)	0.21%
Oil Separation,	
ASTM D-1742 @ 77°F (25°C)	Nil
Oxidation Stability,	
ASTM D-942 @ 210°F (99°C), 72 hrs. psi loss	3
Shelf Life (unopened container)	Two years

RELATED PRODUCTS

607L Valve Plus with LIQUILON®

