



# SAG-D VALVE SEAL

## GATE VALVE SEALANT FOR HI-TEMP SERVICE

### DESCRIPTION

**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, CO<sub>2</sub>, H<sub>2</sub>S, 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 valve.

**SAG-D VALVE SEAL** provides optimum sealability, lubricity and torque reduction. The high viscosity base fluid provides excellent fluid film lubrication even under extreme pressure. The synergistic blend of MoS<sub>2</sub> and other additives further enhances both the sealing and lubrication properties of this product. At extreme temperatures where the fluids are lost, these solids provide solid film lubrication to maintain usable operating torques on the valves. The inorganic, complex soap thickener allows for excellent chemical resistance and better anti-wear properties while maintaining excellent mechanical stability.

### BENEFITS

- Semi-synthetic base
- Synergistic blend of MoS<sub>2</sub> & other EP additives
- Seals and lubricates
- Oxidation resistant
- Nonhazardous, nontoxic
- Injectable
- <5% loss after 24 hrs @ 450°F (232°C)

### APPLICATIONS

- Steam-assisted gravity drainage
- Steam injection
- Geothermal wells

### CAUTIONS:

**Not for use with oxygen or strong oxidizers.**

**Only fill the valve body up to 80% to account for expansion.**

### TYPICAL CHARACTERISTICS

Color/Appearance	Black sticky paste
Density (lb/gal)	8.35
Specific Gravity	1
Flash Point (ASTM D-92)	>600 (316°C)
Penetration @ 27°C (ASTM D-217)	300-325
Oil Separation Wt. % (FTMS 791.B M.321.2) (ASTM D-6184)	3.0 max
pH Range	2-12
Service Rating °F (°C)	-25 (-32) to 750 (400)

**For package types and part numbers -** [www.jetlube.com/resources/product-index/](http://www.jetlube.com/resources/product-index/)

### Limited Warranty -

[www.jetlube.com/assets/documents/Jet-Lube\\_Warranty.pdf](http://www.jetlube.com/assets/documents/Jet-Lube_Warranty.pdf)