

# SAG-D VALVE SEAL

Gate Valve Sealant for Hi-Temp Service



## TECHNICAL DATA SHEET

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### 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 blend.

**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 antiwear properties while maintaining excellent mechanical stability.

- Color: Black
- Semi-Synthetic Base
- Seals, Lubricates
- Oxidation Resistant
- Injectable
- Nonhazardous, Nontoxic
- < 5% loss after 24 hrs @ 232°C (450°F), typ.
- Synergistic Blend of MoS<sub>2</sub> & Other EP Additives

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

### OPERATING RANGE

-32°C to 400°C -25°F to 750°F

**NOTE: DO NOT FILL VALVE OVER 80%**

### PRODUCT SPECIFICATIONS

Appearance	Black sticky paste
Penetration (ASTM D-217), mm x 10-1	300 - 325
Density (kg/liter), Typical	1.0
Specific Gravity, Typical	1.0
Oil Separation Wt. % (FTMS 791.B M.321.2) (ASTM D-6184)	3.0 max
Flash Point F° (C°) (ASTM D-92)	>600 (316)
pH Range	2 - 12

### PACKAGING

Inventory Code	Container Size	Container
176150	400 g	cartridge
176155	54 kg	keg
176175	204 kg	drum



### LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube of Canada Ltd.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube of Canada Ltd. shall not be liable for incidental or consequential damages.