



WORLDWIDE OILFIELD MACHINE

WOM MAGNASEAL SP

Technical Data Sheet

Extreme Friction Reducing Frac & Production Valve Lubricant/Sealant

WOM Magnaseal SP Valve Lubricant

Magnaseal SP is an extreme pressure, environmentally friendly valve lubricant/sealant. Magnaseal SP contains H₂S inhibitors, oxidation inhibitors, and extreme pressure additives which create a tenacious (tribofilm) barrier protecting critical internal valve components. Magnaseal SP is designed for gate valves but can also be used in ball and plug valves. Magnaseal SP is water resistant and is insoluble in most aliphatic hydrocarbons, crude oil, diesel fuel, kerosene, LPG, and natural gas.

Features:

- Resistant to H₂S
- Resistant to water
- Resistant to condensate/hydrocarbons
- Non-melting
- Excellent extreme pressure lubricant
- Provides excellent sealing and lubricating performance
- Biodegradable base oil/ Renewable source
- Resistant to differential pressures
- Contains corrosion inhibitors
- Contains special extreme pressure additives
- Contains anti-oxidation inhibitors

Applications:

- Engineered for gate valves, WOM Magnaseal SP can also be used in ball and plug valves

Physical Properties:

| | |
|-----------------------------------------------------|---------------------------|
| NLGI Consistency Number ASTM D-217 | No.3 |
| Weld Load (kg) ASTM D-2596..... | 620 |
| Load Wear ASTM D-2596 | 65 |
| Timken OK Load, (lbs) ASTM D-2596..... | >65 |
| Rust Test Rating ASTM D-1743 | Pass |
| Resistance to Water FTM 5415 | Pass |
| Resistance to Mineral Spirits FTM 5415 | Pass |
| Color/Texture | Black-Grey/Smooth |
| Dropping Point, ASTM D2265..... | None |
| Usable Temperature (non-oxidizing environment)..... | -20 to 400°F/-29 to 204°C |
| Flash Point | >450°F/232°C |