



Silicone diffusion pump fluid

Water clear silicone fluid for use in high-vacuum pumps.

Description

Silicone diffusion pump fluid is a silicone based diffusion pump fluid. The product has been formulated with an advanced technology additive system for superior performance. It also protects against oxidation, wear, rust, and corrosion.

Application

- Aerospace
- Electronics
- Metallurgy
- Vacuum coatings
- Atomic energy
- Research applications

Benefits

- Incredibly long fluid life
- Enhanced rust and corrosion protection
- Enhanced wear protection
- Excellent carbon and varnish control
- Outstanding oxidation stability
- Very high flash point
- Low volatility
- Excellent film strength
- Reduced maintenance costs
- Reduced downtime

Matrix Specialty Lubricants BV

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TECHNICAL DATA-SHEET



Typical Performance Data

Viscosity Index	412
Viscosity cSt @ 40 °	30.5
Viscosity cSt @ 100 °C	12.00
Flash point, °C	301
Auto ignition point, °C	430
Pour point °C	-55
Four ball, 40 kg, 1200 RPM, 75 °C	1.99
Four ball weld point, kg	
• 1 hr, scar dia mm	126
Copper corrosion, 24 Hr	1a
Demulsibility, 55 °C, 30 min	40/40/0

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