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6063

Synthetic Food-Grade Vacuum Pump Fluid

6063 is designed to provide excellent service and a long life in vacuum pumps. It has a very low vapor pressure, very high oxidative resistance, and excellent thermal and shear stability. 6063 protects against wear, rust, and corrosion. It is formulated to for applications in rotary-screw, sliding-vane, reciprocating and liquid-ring vacuum pumps.

6063's advanced-technology additive system protects vacuum pumps from varnish, carbon and sludge deposits. It exceeds the requirements of DIN 51506 VD-L standards and meets H1 requirements for incidental food contact.

ATTRIBUTES

- Food-grade formulation
- Low vapor pressure
- Thermal, chemical and oxidative stability
- Carbon, varnish and wear control
- High flash point
- Low volatility
- Excellent film strength

TYPICAL LUBRICANT PROPERTIES

6063 Grades	46	68	100
Viscosity cSt @ 40°C	45	68	103
Viscosity cSt @ 100°C	6.7	8.9	11.9
Flash Point°F (°C)	443 (228)	470 (243)	501 (260)
Copper Corrosion	1a	1a	1a
Rust Test: Distilled Water	Pass	Pass	Pass
Rust Test: Salt Water	Pass	Pass	Pass