

## VACUUM PUMP OIL

### Product Description

**Vacuum Pump Oil** is a high-quality lubricant specifically designed for vacuum pump applications. It provides long-lasting performance, resists oxidation, and prevents water contamination, ensuring optimal pump efficiency and extended service intervals.

### Product Features & Benefits

- **Low Volatility & High Vacuum Tolerance:** Ensures minimal oil loss and prevents performance degradation in high-vacuum environments.
- **Superior Oxidation Stability:** Prevents sludge and deposit formation, maintaining pump cleanliness.
- **Excellent Demulsibility:** Quickly separates from water, reducing the risk of emulsification and corrosion.
- **Outstanding Air Release Properties:** Enhances vacuum pump efficiency by preventing air entrapment.
- **Exceptional Wear Protection:** Reduces friction and wear under extreme operating conditions, extending equipment life.

### Application

- **Industrial & Scientific Vacuum Pumps:** Rotary vane, piston, and diffusion pumps.
- **HVAC & Refrigeration Systems:** Moisture-resistant performance for vacuum-sealed systems.
- **Pharmaceutical & Food Processing:** Ensures contamination-free vacuum operation.
- **Precision Manufacturing & Electronics:** Provides reliable vacuum in sensitive applications.

### Health & Safety

Petrovöll Vacuum Pump Oil poses no significant health risks when used and handled properly. Follow standard safety practices and refer to the Material Safety Data Sheet (MSDS) for proper handling, storage, and disposal guidelines.

### Typical Properties

Property	Test Method	Petrovöll Vacuum Pump Oil
Viscosity @ 40°C	ASTM D445	64.0 mm <sup>2</sup> /s
Viscosity @ 100°C	ASTM D445	8.5 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	101
Flash Point	ASTM D92	240°C (464°F)
Pour Point	ASTM D97	-15°C (5°F)
Color	Visual	Pale Yellow

