Mobil Vacuum Pump Oil

Mobil Industrial , United States

Vacuum Pump Oil

Product Description

Mobil Vacuum Pump Oil is a premium lubricant, blended from specific high quality mineral oil with low volatility characteristics, for the lubrication of vacuum pumps.

Mobil Vacuum Pump Oil has a high degree of chemical stability enabling it to resist oxidation and the subsequent formation of sludge and deposits, an essential characteristic in all cases where continuous service is involved. This enables the oil to retain its original properties such as viscosity and demulsibility and so prolong oil service life.

Water vapour is a common contaminant in vacuum systems and tends to condense in pumps, oils separators and reservoirs. Mobil Vacuum Pump Oil has good demulsibility to separate readily from water. This aids water removal and prevents its return to metal surfaces to cause rust and corrosion.

Features and Benefits

Mobil Vacuum Pump Oil offers the following benefits:

- · Low volatility characteristics
- · Good air release properties to provide efficient pump operation
- · Good demulsibility to separate quickly from water and resist emulsion formation
- · Good wear protection under start-up and boundary conditions
- · Long service life due to high level of chemical and thermal stability and freedom from deposit formation

Applications

The oil is especially formulated for use in vacuum pumps where it will tolerate exposure to very high vacuums with low levels of evaporation. Mobil Vacuum Pump Oil resists the formation of deposits and maintains its original lubricating properties over a long life. It is a dehydrated oil; therefore, keep containers well sealed to prevent contamination by moisture.

It is also suitable for use in pump bearings and sealing glands.

Typical Properties

Mobil Vacuum Pump Oil	
Pour Point, °C (°F), ASTM D97	-15 (5)
Flash Point, °C (°F), ASTM D92	240 (464)
Kinematic Viscosity, mm2/s, ASTM D445	
at 40°C	64.0
at 100°C	8.5
Viscosity Index, ASTM D2270	101
Color, Visual	Pale Yellow

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly. Information on use and handling, as well as health and safety information, can be found in the Material Safety Data Sheet which can be obtained from your

local distributor; via the Internet on http://www.msds.exxonmobil.com.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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