



Mobil Vacuum Pump Oil 100

Pump Oil

Product Description

Mobil Vacuum Pump Oil 100 is a premium lubricant, blended from specific high quality white oil with low volatility characteristics, for the lubrication of vacuum pumps.

Mobil Vacuum Pump Oil 100 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 100 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 100 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

Mobil Vacuum Pump Oil 100 is recommended for the lubrication of vacuum pumps and is suitable for applications involving absolute pressures from 50 microns of mercury down to the highest vacua achieved by commercially available vacuum pumps.

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

Typical Properties

| Test Method | Test | Units | Mobil Vacuum Pump Oil 100 |
|-----------------------------|-----------|-------|---------------------------|
| Density | DIN 12185 | kg/l | 874 |
| Kinematic Viscosity at 40°C | DIN 3104 | | 100 |
| Flash Point (PM) | DIN 2719 | °C | 270 |
| Pour Point | | °C | -9 |

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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