

Product Description

Mobil Vacuum Pump Oil is a high Viscosity Index, medium viscosity straight mineral oil made from very high quality solvent refined base oils for the lubrication of vacuum pump cylinders. Precautions are taken to ensure that Mobil Vacuum Pump Oil is free from water prior to packaging.

Benefits

Mobil Vacuum Pump Oil offers the following benefits:

- Good air release properties to provide efficient pump operation
- Good demulsibility to separate quickly from water and resist emulsion formation
- Good rust and corrosion protection
- 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 is recommended for the lubrication of vacuum pump cylinders 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.

Properties

Mobil Vacuum Pump Oil has a high degree of chemical stability enabling it to resist oxidation and the subsequent formation of sludges 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.

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.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Product Characteristics

Mobil Vacuum Pump Oil

ISO Viscosity Grade	68
Viscosity, cSt at 40°C	61.2/68.0
Viscosity, cSt at 100°C	8.7
Viscosity Index	107
Pour Point, °C max.	-6
Flash Point, °C min. COC	210

Due to continual product research and development, the information contained herein is subject to change without notice

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