



Product Information:
AIRFORCE VPO HV
Vacuum Pump Lubricant

Description:

Airforce VPO HV is manufactured from high quality mineral oils designed to maximise pump efficiency and vacuum performance. This oil has extremely low volatility, excellent thermal and oxidative stability, making it suitable for use in pumps operating at high temperatures. Airforce VPO HV will also protect components from rust, corrosion and the formation of sludges.

Features:

- Excellent thermal and oxidative stability
- Excellent rust and corrosion protection
- Low volatility

Applications:

Recommended for use in a wide range of positive displacement vacuum pumps, including rotary vane, lobe, screw and reciprocating designs. Airforce VPO HV is suitable for use in the following makes of pump where oils of this type and performance are specified: Leybold, Edwards, Alcatel, Precision, HyVac, Robinair, et cetera.

Airforce VPO HV is designed for pumps drawing high vacuums (up to 10^{-6} mmHg / 1.3×10^{-5} Pa).

Physical Characteristics:

Appearance	Amber liquid
ISO VG Grade	100
Density @ 15°C	0.886
Viscosity @ 40°C (cSt)	94.4
Viscosity @ 100°C (cSt)	10.8
Viscosity Index	98
Closed Flash Point (°C)	230
Pour Point (°C)	-27

Figures based on average production values.

Part No.s: AHV025, AHV005

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