SUNOCO VACUUM PUMP OILS

OVERVIEW

SUNOCO VACUUM PUMP OILS are high quality, high boiling range, low vapor pressure oils specifically designed for use in vacuum pump applications. These fluids are mineral based petroleum fluids. They have excellent oxidation resistance and thermal stability as well as low moisture contents and low volatility to insure excellent performance characteristics in high vacuum pump applications.

APPLICATIONS

SUNOCO VACUUM PUMP OILS are recommended for the lubrication of vacuum pumps and are suitable for applications involving absolute pressures from 50 microns of mercury down to the highest vacuum level achieved by commercially available vacuum pumps. They are also suitable for use in pump rings and sealing glands.

FEATURES & BENEFITS

SUNOCO VACUUM PUMP OILS are low in volatility, offer good air release and prevent pump cavitation. In addition to promoting rapid water separation and resistance to emulsion formation, **SUNOCO VACUUM PUMP OILS** provide very good lubrication and wear resistance at startup and during boundary lubrication regimes. Due to their oxidation and thermal stability, **SUNOCO VACUUM PUMP OILS** promote long oil service life and a minimum of deposit formation.

SPECIFICATIONS

SUNOCO VP 46 is a lower viscosity vacuum pump oil designed for direct drive vacuum pumps from the following manufacturers, EDWARDS, PRECISION, WELCH, and YELLOW.

SUNOCO VP 68 is designed for belt driven vacuum pumps from the following manufacturers; CENCO, WELCH.

SUNOCO VP 100 is a heavy-duty product for rotary pumps and is recommended by manufacturers such as BOSCH, MORO

TYPICAL PROPERTIES

Product Code	**9133**	**9373**	**1513**
ISO Viscosity Grade	46	68	100
Viscosity, cSt @ 40°C	45	61	100
Viscosity, cSt @ 100°C	6.9	7.9	11.9
Viscosity Index	109	96	109
CCS Viscosity -10°C mPa/sec	-	2550	-
CCS Viscosity -25°C mPa/sec	1550	-	-
Flash Point, °C	204	222	-
Pour Point, °C	-18	-9	-12
NOACK, wt%	10	9	-
Vapor Pressure, Torr., @ 100°F	Less than 0.01	Less than 0.01	Less than 0.01

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