

## VAC PUMP OIL ISO 100 (VACUUM PUMP OIL)

### DESCRIPTION:

**VAC PUMP OIL ISO 100** is a non-toxic, high performance vacuum oil is formulated from selected premium performance, highly refined mineral oils to maximize lubricant lifetime, even under conditions of high load and elevated temperature. This provides the low vapor pressure and high performance, desired for the effective lubrication of rotary vacuum pumps. It has a low vapour pressure to enhance pump efficiency and is suitable for use with a wide range of vacuum pump.

### FEATURES & BENEFITS

- Maintenance savings – **VAC PUMP OIL ISO 100** provide excellent resistance to oil degradation. This ensures it will provide a long service life as well as reduced tendency for sludge build up and deposit formation.
- Increased wear and corrosion protection - TMS Vacuum Pump Oil ISO 100 helps provide effective protection of internal metal surfaces from corrosion and wear.
- System efficiency - The selection of low vapor pressure base oils with a narrow boiling range enables the pump to efficiently work at the vacuum for which it is designed over the extended maintenance period.
- Rotary vacuum pumps - **VAC PUMP OIL ISO 100** is use in rotary and sliding vane vacuum pumps. It is used to provide low vacuum pressures & suitable for most industrial rotary vacuum pump applications.
- Standard operating environments – **VAC PUMP OIL ISO 100** is suitable for applications where ambient temperatures are above 0°C and where maximum operating temperatures do not exceed 100°C. Maximum vacuum pressure capability generally tends to decrease as the pump operating temperatures increase. It is suitable for vacuum pumps working in a vacuum range of 100 mbar - 102 mbar. It is not recommended for use when corrosive gasses or chemical vapors are involved in the extraction process.

### Directions for Storage and Use

For optimum performance drain & flush the vacuum pump sump prior to filling with **VAC PUMP OIL ISO 100**. Flushing with **VAC PUMP OIL ISO 100**: Run gearbox to warm up old oil, drain off old oil, Fill with **VAC PUMP OIL ISO 100** to correct level, run off-load for 10-20 mins, Drain and fill with correct oil, the storage temperature should be controlled between +1°C and +40°C, Shelf life is 3 years from date of manufacture.

### Health, Safety & Environment

Health and Safety - **VAC PUMP OIL ISO 100** is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water. Protect the Environment - Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

### PROPERTIES

ISO Grade	100
Appearance	Colorless liquid
Density, at 15°C	0.882
Viscosity at 100 Cst	5.6
Viscosity 40 Cst	108
Viscosity Index	112
Flash point	+265
Pour point	-9
Neutralization value	<0.04
Ash, sulphated	<0.01

**POWERMXX LUBE INDIA**

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