



Vaccum Oil



Product Description

All vacuum pumps must be essentially used with special oils for the overall maintenance of pump performance. Some of the prime requirement of the oil are low vapor pressure, excellent lubrication at all operating temperatures and negligibly low water absorption. These oils have been specially developed for all types of Rotary vane and mechanical piston pumps. Available in 20 liters pack and above qty in multiple of 20 liters.



PV0100 Double Distilled Vacuum Pump Oil PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear
Physical State	Liquid
Color	White or Pale Yellow
Odor	Petroleum odor
pH	Not relevant
Melting Point / Pour Point	<-15°C (ASTM D 97)
Flash Point	236°C, COC (ASTM D 92)
Flammability (solid, gas)	Not Available
Flammability Limits in Air, Lower, % by Volume	Not Available
Flammability Limits in Air, Upper, % by Volume	Not Available
Vapour Pressure @90°C	1 x 10 mbar
Density	0.88 gm/cc Max @15°C
Solubility (Water)	Insoluble in Water
Partition Coefficient (n-octanol/water)	Not Available
Auto-ignition Temperature	>330°C
Viscosity, Kinematic at 40°C (104°F)	95 mm ² /s (ASTM D 445)
Substance(s) according to IP346	<3%

PVS-77T Premium Quality Synthetic Rotary Vacuum Pump Oil
PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Hazardous Material	Not listed as Hazardous Substance
Boiling Point	250 °C
Melting Point	N/A
Vapour Pressure	0.000001 Torr
% Volatile by Volume	0.005%
Physical State	Liquid
Fire and Explosion Hazard Data	Non-Explosive and Non-Inflammable
Flash Point Above	300 °C
Hazard Description	Not Applicable

Application/Uses

- Formulated for rotary vane vacuum pumps.
- Provides lubrication, sealing, and cooling.
- Reduces wear and extends pump life.
- Ensures efficient and stable vacuum performance.
- Suitable for single and double-stage vacuum pumps.
- Ideal for laboratory and industrial applications.