

PV 100 - 100 plus

Mineral oils for vacuum pumps

APPLICATIONS

- Lubrication of reciprocating or rotary vacuum pumps. It allows the equipment to reach primary vacuum levels.
- PV 100 Plus is specially formulated for the humid air pumping.

ADVANTAGES

- Low oil saturating vapor pressure:
This oil characteristic is essential in order to achieve the desired vacuum. Specific base stocks are used to formulate these products.
- High resistance to oxidation:
It allows to avoid organic deposits formation.
- Good viscosity index:
Low variation of viscosity due to temperature increase, steady during the whole oil service life, thus assuring sealing performances of the vacuum pump.

In case of corrosive gas or very advanced vacuum, specific fluids are required (polyethers, silicones...).

TYPICAL CHARACTERISTICS

Properties	Units	Standards	PV	
			100	100 plus
Density at 15°C	kg/m ³	ISO 3675	872	872
Viscosity at 40°C	mm ² /s	ISO 3104	104	104
Viscosity at 100°C	mm ² /s	ISO 3104	11.9	12.1
Viscosity index	-	ISO 2909	96	97
Pour point	°C	ISO 3016	-12	-12
Flash point (OC)	°C	ISO 2592	Min 250	Min 250

For additional information, contact your local Totalenergies Lubricants representative or visit our web site: <https://lubricants.totalenergies.com>

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded from <https://sdstotalms.total.com>