

# PV 100 - PV 100 PLUS



Vacuum pumps



Mineral oils for vacuum pumps.

## APPLICATIONS

### Vacuum pumps

- Lubrication of reciprocating or rotary vacuum pumps.
- Allows the equipment to reach secondary vacuum levels for advanced vacuums.
- **PV 100 PLUS** is specially formulated for the humid air pumping.

## ADVANTAGES

### Vacuum generation

- **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.

### Steady performances in time

- **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	METHODS	UNITS	PV 100	PV 100 PLUS
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	872	872
Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	104	104
Viscosity at 100°C	ISO 3104	mm <sup>2</sup> /s	11.9	12.1
Viscosity index	ISO 2909	-	96	97
Pour point	ISO 3016	°C	- 12	- 12
Flash point (open cup)	ISO 2592	°C	Min 250	Min 250

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
Industrie & Spécialités  
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PV 100 - PV 100 PLUS  
1/1



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 down loaded from [www.quick-fds.com](http://www.quick-fds.com).