

# 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

### Steady performances in time

- **Low oil saturating vapor pressure:**  
This oil characteristic is essential in order to achieve the desired vacuum.
- **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.
- **High resistance to oxidation:**  
One consequence of this characteristic is the non formation of organic deposits. In standard operating conditions and in absence of very corrosive gases, **PV 100 PLUS** allows to achieve the most economical run.

TYPICAL CHARACTERISTICS	METHODS	UNITS	PV 100	PV 100 PLUS
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	886	886
Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	118	118
Viscosity at 100°C	ISO 3104	mm <sup>2</sup> /s	12.5	11.6
Viscosity index	ISO 2909	-	98	97
Pour point	ISO 3016	°C	- 9	- 12
Flash point (open cup)	ISO 2592	°C	260	268

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
Industrie & Spécialités  
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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).