

# Vacuum Pump Oil

## 10W and 30

INDUSTRY



### Lubricants

#### Description

Repsol Vacuum Pump Oil is an hydraulic lubricant recommended for use in vacuum pumps, more specifically in milking machine pumps.

This lubricant has been developed in two different viscosities: SAE10W and 30, in accordance with the SAE J300 standard, which are the main viscosities required for this application. The SAE 30 viscosity lubricant is developed with mineral base oils, while the SAE 10W viscosity is formulated using synthetic and mineral base oils.

Even though its viscosity is regulated by the SAE J300 standard, this product cannot be used as an engine lubricant as its cutting-edge additives are specifically designed for use in hydraulic applications.

This product is not certified for use in food production.

#### Properties

- Resistance to oxidation, ageing, and sludge formation.
- Low freezing point.
- High viscosity index.
- Compatible with gaskets.
- Good anti-foaming properties.
- Excellent anti-wear properties.
- Good demulsibility.

#### Quality levels

- DIN-51524 Part 2 HLP

#### Technical characteristics

	UNIT	METHOD	VALUE	
<b>SAE grade</b>			<b>SAE 10W</b>	<b>SAE 30</b>
Viscosity at 100°C	cSt	ASTM D445	5.8	10.7
Viscosity at 40°C	cSt	ASTM D445	39	95
Viscosity index		ASTM D2270	102	96
Density at 15°C	g/cm <sup>3</sup>	ASTM D4052	0.8690	0.8832
Flash point	°C	ASTM D92	228	264
Freezing point	°C	ASTM D97	-36	-21
FZG, load stage		DIN 51354	11	11
Four ball wear test, scar diameter	mm	ASTM D4172	0.50	0.45
Res. to oxidation, NN after 1500 h	mgKOH/g	ASTM D943	< 2	< 2
Demulsification ((1) 54 °C/(2) 82 °C)	min	ASTM D1401	< 30	< 30
Copper Corrosion 3 h at 100°C		ASTM D130	1a	1a

The above mentioned characteristics are typical values and should not be considered product specifications.

A product safety sheet is available upon request.

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