



Description

Maker 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, approvals and recommendations

- DIN 51524-HLP

Technical specifications

	UNIT	METHOD	VALUE	
SAE Grade			SAE 10W	SAE 30
Density at 15 °C	g/cm3	ASTM D4052	0.874	0.887
Kinematic viscosity at 40 °C	cSt	ASTM D445	39	95
Kinematic viscosity at 100 °C	cSt	ASTM D445	5.8	10.7
Viscosity index	-	ASTM D2270	102	96
Flash point, open cup	°C	ASTM D92	228	264
Pour point	°C	ASTM D97	-36	-21
FZG (A/8,3/90): Failure load stage	-	ISO 14635	11	11
4 Ball wear, print diameter (40 kg)	mm	ASTM D2266	0.50	0.45
Corrosion Cu, 3hrs 100 °C	-	ASTM D130	1a	1a
Oxidation (TAN = 2)	h	ASTM D943	>1,500	>1,500
Water separability at 54 °C	min	ASTM D1401	<30	-
Water separability at 82 °C	min	ASTM D1401	-	<30

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