RAVENOL Kompressorenoel PAO VDL 100

Kategorie: Industrial oil

Artikelnummer: 1330117

Viscosity: 100

Specification: ISO VG Klasse 100

Oil type: Full synthetic

Recommendation: Übertrifft die Anforderungen nach DIN 51 506 VDL

Application: Industry

5L | 1330117-005
20L | 1330117-020
60L | 1330117-060
208L | 1330117-208

RAVENOL Kompressorenoel PAO VDL 100 is a premium quality compressor oil of the ISO VG Class 100, which is specially designed to extend the service life time of compressors

RAVENOL Kompressorenoel PAO VDL 100 contains additives, which ensure an excellent wear protection and protects against residue and corrosion (both steel and non-ferrous metal). Most compressors have to work under high temperature so that the used oil has to have a good aging resistance but also a low residue building.

In addition **RAVENOL Kompressorenoel PAO VDL 100** conforms to its ISO VG Class and shows a remarkable low evaporative behavior an outstanding demulsifying power as well as excellent air separation ability. It ensures certain lubrication not only in the high temperature range but also in cold condition of the compressor to reach a wear minimisation. By the use of selected and matched additives the tendency of coking and flammable residues is minimized.

Application Note

RAVENOL Kompressorenoel PAO VDL 100 is recommended for all compressors especially in rotary screw air compressors.

Characteristics

- High oxidation stability.
- Excellent protection against rust and corrosion.
- Best wear protection. Keeps compressor components free of sludge and varnish to ensure trouble free operation and lower maintenance costs on fluid change-out.
- Very low evaporative behavior and an outstanding demulsifying power
- Excellent air separation ability.
- Better resistance to oxidative breakdown.
- Extends oil change intervals up to 8.000 hours service in rotary screw compressors and 1.000 hours service in rotary vane compressors.
- Improves compressor operating efficiency, lower energy consumption costs by reducing of oil thickening.

Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m³	866,0	EN ISO 12185
Colour		gelb	VISUELL
Viscosity at 100 °C	mm²/s	14,1	DIN 51562-1
Viscosity at 40 °C	mm²/s	100,7	DIN 51562-1
Viscosity Index VI		143	DIN ISO 2909
Pourpoint	°C	-27	DIN ISO 3016
Noack Volatility	% M/M	2,54	ASTM D5800
Flashpoint	°C	263	DIN EN ISO 2592
Acid Number TAN	mgKOH/g	0,11	ASTM D664
Water separation	ml/54°Cmin	41-39-0 (10)	ASTM D1401
Foaming tendency			---
Seq. I at 24 °C	ml/ml	10/0	ASTM D892
Seq. II at 93,5 °C	ml/ml	0/0	ASTM D892
Seq. III at 24 °C after 93,5 °C	ml/ml	0/0	ASTM D892
Corrosion Protection:			---
Copper Corrosion:	3h 100 °C	1a	ASTM D130
Rust A – distilled Water		bestanden	ASTM D665
Rust B – Synthetic Sea Water		bestanden	ASTM D665
Residue & Ash:			---
Conradson Carbon Residue mass	%		ASTM D524

All indicated data are approximate values and are subject to the commercial fluctuations.