

RAVENOL Kompressorenoel PAO VDL 46

Art. 1330115

FULLY SYNTHETIC

COMPRESSOR

Description:

RAVENOL Kompressorenoel PAO VDL 46 is a premium quality compressor oil of the ISO VG Class 68, which is specially designed to extend the service life time of compressors

RAVENOL SCR PAO 46 Screw Kompressorenoel 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 SCR PAO 46 Screw Kompressorenoel** 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 Directions:

RAVENOL SCR PAO 46 Screw Kompressorenoel is recommended for all compressors especially in rotary screw air compressors.

Quality Classification:

RAVENOL SCR PAO 46 Screw Kompressorenoel is tried and tested for aggregates specifying:

Specifications: ISO VG Class 46

Recommendation: Exceeds the requirements of DIN 51 506 VDL.

Technical Characteristics:

RAVENOL SCR PAO 46 Screw Kompressorenoel offers:

- 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

- Certificate / ProductInformation -

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Technical Values:

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m³	858,0	EN ISO 12185
Colour		light yellow	visual
Viscosity at 100°C	mm²/s	7,2	DIN 51562-1
Viscosity at 40°C	mm²/s	47,2	DIN 51562-1
Viscosity Index VI		114	DIN ISO 2909
Pourpoint	°C	-42	DIN ISO 3016
Flashpoint	°C	240	DIN ISO 2592
Acid Number TAN	mgKOH/g	0,14	ASTM D664
Water Separability	ml at 54°C (min)	40-40-0 (15)	ASTM D1401
Corrosion Protection:			
Copper Corrosion		1b	ASTM D130
Rust A – distilled Water		Pass	ASTM D665
Rust B – Synthetic Sea Water		Pass	ASTM D665
Residue & Ash:			
Conradson Carbon Residuemass	%	<0,1	ASTM D524
Foam behaviour			
Seq. I at 24°C	ml/ml	0/0	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

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