

- Certificate / Product Information -

RAVENOL SCR PAO 32 Screw Kompressorenoel

Art. 1330314

Description:

RAVENOL SCR PAO 32 Screw Kompressorenoel is fully synthetic compressor oil with ISO VG Class 32 which is specifically designed to provide effective lubrication in rotary screw air compressors.

RAVENOL SCR PAO 32 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.

RAVENOL SCR PAO 32 Screw Kompressorenoel conforms to its ISO VG Klasse 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 are minimized.

Application Directions:

RAVENOL SCR PAO 32 Screw Kompressorenoel is recommended for use in rotary screw air compressors.

Quality Classification:

RAVENOL SCR PAO 32 Screw Kompressorenoel is tried and tested for aggregates specifying:

Specification: ISO VG Class 32

Exceeds DIN 51 506 VDL

Technical Characteristics:

RAVENOL SCR PAO 32 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

Technical Values:

Characteristics	unit	data	test according to
Colour		light yellow	visual
Density	at 20 °C	858	EN ISO 12185
Viscosity	at 40 °C	38	DIN 51 562
	at 100 °C	6,2	DIN 51 562
Viscosity index VI		108	DIN ISO 2909
Flash point (COC)	°C	230	DIN ISO 2592
Pour point	°C	-36	DIN ISO 3016
Total Acid Number (TAN)	ml KOH/g	<0,1	ASTM D664
Water Separability:	ml at 54°C (min)	41-39-0 (5)	ASTM D1401
	ml at 82°C (min)	-	
Corrosion Protection:			
Copper Corrosion 3h at 100°C		1b	ASTM D130
Rust A – distilled Water		Pass	ASTM D665
Rust B – Synthetic Sea Water		Pass	ASTM D665
Residue & Ash:			
Conradson Carbon Residue mass	%	<0,1	ASTM D524
Foam SQ I	ml	10/0	ASTM D892
Foam SQ II	ml	15/0	ASTM D892
Foam SQ III	ml	10/0	ASTM D892

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

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems occur please consult a technician.

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