



RAVENOL SCR PAO 32 Screw Kompressorenoel

RAVENOL SCR PAO 32 Screw Kompressorenoel is fully synthetic compressoroil 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 Notes:

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

Quality Classifications:

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

Specifications:

ISO VG Klasse 32 übertrifft die Anforderungen nach DIN 51 506 VDL

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

Characteristics	Unit	Data	Audit
Colour		hellgelb	visual
Density at 20°C	kg/m ³	858	DIN EN 12185
Viscosity at 40°C	mm ² /s	38	DIN 51 562
Viscosity at 32°C	mm ² /s	6,2	DIN 51 562
Viscosity index VI		108	DIN ISO 2909
Flash point (COC)	°C	230	DIN ISO 2592
Pourpoint	°C	-36	DIN ISO 3016
Total Acid Number TAN	m KOH/g	<0,1	ASTM D664
Water Separation at 54°C (min)	ml	41-39-0 (5)	DIN 51757
Water Separation at 82°C (min)	ml		-
Corrosion Protection:			-
Copper Corrosion: 3h bei 32°C		1b	ASTM D130
A - Distilled Water		Bestanden	ASTM D665
B - Synthetic Seawater		Bestanden	ASTM D665
Residue and Ash:			-
Coke Residue, % (Conradsontest)		<0,1	ASTM D524
Foaming Behavior	ml		ASTM D892
Sequenz I		10/0	-
Sequenz II		15/0	-
Sequenz III		10/0	-

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

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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Ravensberger Schmierstoffvertrieb GmbH

Postfach 1163

33819 Werther

Tel.: 05203/9719-0

Fax.: 052039719-40 / 41