



RAVENOL SCR PAO 100 Screw Kompressorenöl



5L | 1330317-005
20L | 1330317-020
60L | 1330317-060
208L | 1330317-208

Kategorie: Industrial oil

Artikelnummer: 1330317

Viscosity: 100

Specification: ISO VG Klasse 100

Oil type: Full synthetic

Recommendation: Übertrifft die Anforderungen nach DIN 51 506 VDL

Application: Industry

RAVENOL SCR PAO 100 Screw Kompressorenöl is full synthetic compressor oil with ISO VG Class 100, which is specifically designed to provide effective lubrication in rotary screw air compressors.

RAVENOL SCR PAO 100 Screw Kompressorenöl is also specifically designed to significantly extend service life in rotary screw compressors.

RAVENOL SCR PAO 100 Screw Kompressorenöl has excellent resistance to oxidative breakdown caused by exposure to air at high discharge temperatures it has excellent thermal stability for reducing carbon deposit formation.

RAVENOL SCR PAO 100 Screw Kompressorenöl shows good protection against wear, protects against rust and corrosion. Low volatility reduces oil carry-over into the air system. Reduces fluid consumption.

The full benefits of a change to **RAVENOL SCR PAO 100 Screw Kompressorenöl** will only be realized by minimizing contamination with the previously used oil. Certain makes of compressors do not permit completedraining, so if the drained oil is heavily oxidized (shown by significant increase in the oil's total acid number and viscosity), recharging with **RAVENOL SCR PAO 100 Screw Kompressorenöl** may not result in optimum performance and fluid service life.

RAVENOL SCR PAO 100 Screw Kompressorenöl has excellent oxidation stability, corrosion, deposit control and low volatility and provides up to 8,000 hours of continuous worry-free service for lubrication, sealing and effective heat removal for efficient compressor performance.

Application Note

RAVENOL SCR PAO 100 Screw Kompressorenöl is recommended for use in rotary screw air compressors.

While **RAVENOL SCR PAO 100 Screw Kompressorenöl** is fully compatible with most mineral and synthetic compressor fluids, it should not be mixed or contaminated with fluids containing polyalkylene glycols or silicones.

Characteristics

- High oxidation stability
- Excellent protection against rust and corrosion.
- Excellent resistance to oxidative breakdown caused by exposure to air at high discharge temperatures
- Higher thermal stability reduces carbon deposit formation
- Improved viscosity index and good low temperature properties
- Good protection against wear
- Protects against rust and corrosion
- Low volatility reduces oil carry-over into the air system
- Reduces fluid consumption

Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m ³	845,0	EN ISO 12185
Colour		hellgelb	VISUELL
Viscosity at 100 °C	mm ² /s	15,7	DIN 51562-1
Viscosity at 40 °C	mm ² /s	97,8	DIN 51562-1
Viscosity Index VI		171	DIN ISO 2909
Pourpoint	°C	-60	DIN ISO 3016
Flashpoint	°C	256	DIN EN ISO 2592
Acid Number TAN	mgKOH/g	0,11	ASTM D664
Water separation	ml/54°Cmin	41-39-0 (10)	ASTM D1401
Copper Corrosion:	3h 100 °C	1a	ASTM D130
Rust A – distilled Water		bestanden	ASTM D665
Rust B – Synthetic Sea Water		bestanden	ASTM D665
Conradson Carbon Residue mass	%		ASTM D524
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.