



RAVENOL SCR PAO 46 Screw Kompressorenöl

RAVENOL SCR PAO 46 Screw Kompressorenöl is fully synthetic compressor oil with ISO VG Class 46, which is specifically designed to provide effective lubrication in rotary screw air compressors.

RAVENOL SCR PAO 46 Screw Kompressorenöl is also specifically designed to significantly extend service life in rotary screw compressors.

RAVENOL SCR PAO 46 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 46 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 46 Screw Kompressorenöl will only be realized by minimizing contamination with the previously used oil. Certain makes of compressors do not permit complete draining, 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 46 Screw Kompressorenöl may not result in optimum performance and fluid service life.

RAVENOL SCR PAO 46 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 Notes

RAVENOL SCR PAO 46 Screw Kompressorenöl wird für den Einsatz in Schraubenkompressoren empfohlen.

Quality Classifications

RAVENOL SCR PAO 46 Screw Kompressorenöl is recommended for use in rotary screw air compressors.

While RAVENOL SCR PAO 46 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.

Specifications

ISO VG Klasse 46, DIN 51 506 VDL

Characteristic

RAVENOL SCR PAO 46 Screw Kompressorenöl offers:

- 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

Characteristics	Unit	Data	Audit
Colour		hellgelb	visual
Density at 20°C	kg/m³	863	EN ISO 12185
Viscosity at 40°C	mm²/s	47	DIN 51 562
Viscosity at 100°C	mm²/s	7,0	DIN 51 562
Viscosity index VI		107	DIN ISO 2909
Flash point (COC)	°C	246	DIN ISO 2592
Pourpoint	°C	-33	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)	ASTM D1401
Water Separation at 82°C (min)	ml		-
corrosion prevention			-
Copper Corosion	3h at 100°C	1b	ASTM D130
A- distilled water		Bestanden	ASTM D665
B - Synthetic Seawater		Bestanden	ASTM D665
Residue and Ash:			-
Coke Residue, % (Conradson test)		<0,1	ASTM D524
Foam Sequence I	ml	10/0	ASTM D892
Foam Sequence II	ml	15/0	ASTM D892
Foam Sequence III	ml	10/0	ASTM D892

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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