



COMPRESSOR OIL

SYNTH 46

Product Description:

COMPRESSOR OIL SYNTH 46 is an advanced fully synthetic ashless air compressor lubricant developed for use in rotary compressors of screw or vane design, reciprocating compressors and centrifugal compressors. **COMPRESSOR OIL SYNTH 46** is suited for single or multiple stage rotary screw or vane, centrifugal compressors and reciprocating compressors of various OEMs including Hydrovane, Atlas Copco, CompAir, and Worthington.

COMPRESSOR OIL SYNTH 46 is based on high quality Polyalphaolefin (PAO) base oil in combination with an unique additive package to ensure the following properties:

- Outstanding thermo-oxidative stability.
- Excellent anti-wear protection leads to longer oil and equipment life.
- Low varnish and carbon forming tendency help in reducing maintenance cost.
- Extra high viscosity index.
- Excellent low temperature fluidity for use in wide operating temperature range.
- Zinc-free formulation ensures excellent filterability by minimizing oil filter blockage in wet condition.
- Excellent low volatility characteristics give low oil.
- Improved surface properties results in very good anti-foaming and air release properties and superior demulsibility.
- Offers excellent protection against rust and corrosion.
- Compatible with mineral lubricants and also with seals and paints normally used with mineral oils.

COMPRESSOR OIL SYNTH 46 exceeds the Specifications of

DIN 51506 VBL/VCL/VDL

DIN 51503-1 KAA/KE

ISO/DP 6521 DAA/DAB/DAG/DAH

Property	Unit	Test Method	Typical Value
ISO VG Class			46
Density @15°C	kg/m ³	ASTM D4052	833.6
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	46.3
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	7.8
Viscosity Index		ASTM D2270	140
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D97	-63
FZG A/8, 3/90°C		DIN 51354-2	>12
Demulsibility @54°C, max	min	DIN 51599	Pass

Product Nr: 44130

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