

COMPRESSOR POWER SYNTH 46

Fully Synthetic Air Compressor Oil

COMPRESSOR POWER 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 POWER SYNTH 46 is suited for reciprocating air-, rotary screw and vane compressors. Also, used in circulating oil systems, plain and rolling element bearings, lightly loaded gear sets, etc.

COMPRESSOR POWER SYNTH 46 is based on high quality Poly Alpha Olefin (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 costs.
- 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 consumption and reduced top-up rates.
- 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 POWER SYNTH 46 meets the following performance criteria:

DIN 51506 VBL/VCL/VDL

ISO/DP 6521 DAA/DAB/DAG/DAH

DIN 51503-1 KAA/KE

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	46
Density @15 °C	kg/m3	ASTM D4052	833.6
Kin. Viscosity @40 °C	mm2/s	ASTM D7042	46.3
Kin. Viscosity @100 °C	mm2/s	ASTM D7042	7.8
Viscosity Index		ASTM D2270	140
Flash Point COC, min	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-63
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