

## COMPRESSOR POWER SYNTH 100

### Fully Synthetic Air Compressor Oil

**COMPRESSOR POWER SYNTH 100** 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 100** 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 100** 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 100** 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	100
Density @15 °C	kg/m <sup>3</sup>	ASTM D4052	838.5
Kin. Viscosity @40 °C	mm <sup>2</sup> /s	ASTM D7042	105.2
Kin. Viscosity @100 °C	mm <sup>2</sup> /s	ASTM D7042	15.9
Viscosity Index		ASTM D2270	161
Flash Point COC, min	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-57
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