

NORDIC COMPRESSOR OIL SYNTH 46

Full Synthetic compressor oil

NORDIC COMPRESSOR OIL SYNTH 46 is high performance full synthetic ashless compressor oil for use in rotary-, reciprocating- and centrifugal compressors who are working in extreme temperatures and severe operating conditions.

NORDIC COMPRESSOR OIL SYNTH 46 is formulated with 100% synthetic PAO (PolyAlphaOlefins) base stocks in combination with a unique additive technology to achieve the following performance.

- Extreme high thermal- and oxidation stability.
- Extra high viscosity index.
- Excellent low temperature properties.
- Suitable for use in a wide operating range.
- Excellent anti-wear, anti-foam and anti corrosion properties.
- Superior demulsibility and air release performance.
- Compatible with mineral lubricants
- Excellent filterability and minimize filter blockage.

NORDIC COMPRESSOR OIL SYNTH 46 exceeds the following performance criteria:

DIN 51506

VBL/VCL/VDL

ISO 6743-3A

ISO-L-DAB/DAJ

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3348	46
Density @15°C	kg/m ³	ASTM D4052	840
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	46.2
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	7.9
Viscosity Index		ASTM D2270	145
Flash Point COC	°C	ASTM D92	>222
Pour Point	°C	ASTM D7346	-45
Water Separability @54°C	Minutes	STM D1401	Pass
Air Release Value @50°C	Minutes	ASTM D3247	Pass
FZG, Fail Load Stage, min		DIN 51354-2	12

Date Issued: 12-04-2021

Supersedes:

Revision Nr.: 1

Nordic Lube ApS, Udsigten 19, 3500 Vaerleose, Denmark

www.nordic-lube.com