

AIRTOP ECO 46

Product code: 261501501

Synthetic compressor lubricant

These synthetic compressor lubricant series are a combination of high-grade synthetic base fluids and specially engineered additive systems. This product is a non-glycol replacement for polyalkylene-glycol (PAG) based compressor fluids. Due to their good biodegradability they are environmentally neutral. It offers much better oxidation and thermal stability, as well as longer fluid life, versus polyglycols.

Benefits & Advantages

- Superb low-temperature capabilities and high viscosity index, allowing a wide operating temperature range.
- Excellent high-pressure characteristics and high-temperature oxidation stability. It helps prevent gumming and deposits even at high operating temperatures.
- Separates readily from water and has very good air release and foaming properties.
- Provides good protection against rust and corrosion.
- High film strength
- The controlled demulsibility permits the oils to work well in systems contaminated with small amounts of water.
- Low toxicity

Applications

This product is specially formulated for all screw compressor applications where superior cleanliness, high wear protections and long drain intervals are required. They mix perfectly with OEM polyglycols.

Specifications

FDA 21 CFR 178.3570

DIN 51506 VDL

OECD 301B

Cross-Reference

This product can be used in rotary screw compressors and is a direct replacement for oils such as:

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|--------------------------------|-------------------------------------|
| • Ingersoll-Rand Ultra-Coolant | • Leroi SSL-46 Plus |
| • Sullair Sullube 32 | • Palatek Pallube 32 |
| • Anderol PG Supreme | • PSI PG 3200 |
| • Dow Corning Molycote L-3246 | • Qiuncy Quin-syn PG |
| • Exxon Glycolube | • Summit Supra 32 and Supra Coolant |
| • Gardner-Denver AEON Bio | • Texaco Cetus PGE 32 |
| • Kaeser Sigma S-320 and 460 | • Ultrachem Coolant PE |

It can also be used in place of other mineral oil, polyalphaolefin, polyolester and diester-type compressor oils.

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Typical Performance Data

Typical	Test Method	Value
ISO Viscosity Grade	ASTM D-2422	46
Viscosity @ 40 °C, mm ² /s	ASTM D-445	46
Viscosity @ 100 °C, mm ² /s	ASTM D-445	6.8
Viscosity index	ASTM D-2270	101
Flash point, °C	ASTM D-92	260
Pour point, °C	ASTM D-97	-42
Density @ 15 °C, kg/l	ASTM D-1298	0.95

All performance data on this Technical Data Sheet are indicative only and can vary during production.

