

# 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:

- Ingersoll-Rand Ultra-Coolant
- Sullair Sullube 32
- Anderol PG Supreme
- Dow Corning Molycote L-3246
- Exxon Glycolube
- Gardner-Denver AEON Bio
- Kaeser Sigma S-320 and 460
- Leroi SSL-46 Plus
- Palatek Pallube 32
- PSI PG 3200
- Qincy Quin-syn PG
- Summit Supra 32 and Supra Coolant
- Texaco Cetus PGE 32
- 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 <sup>2</sup> /s	ASTM D-445	46
Viscosity @ 100 °C, mm <sup>2</sup> /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.

