



## Airtop ECO 46

### Synthetic compressor lubricant

#### Description

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

#### Benefits

- 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

Airtop ECO 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

Airtop ECO 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
- Quincy Quin-syn PG
- Summit Supra 32 and Supra Coolant
- Texaco Cetus PGE 32
- Ultrachem Coolant PE

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

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

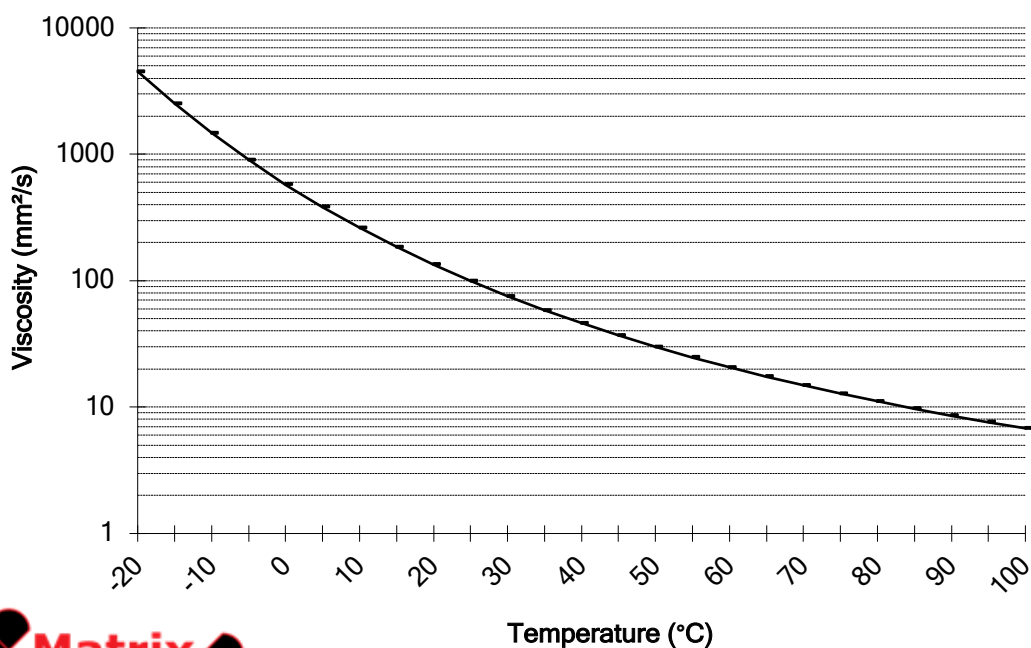
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## Typical performance data

### Airtop ECO 46 Synthetic compressor lubricant

Property	Test Method	ECO 46
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



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