

OCP Oil PAG/POE 8000-46



OCP Europe B.V.
Jelle Zijlstraweg 62F
NL - 1689ZX - Zwaag

Product Information

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Description

OCP Oil PAG/POE 8000-46 is a long-life compressor lubricant based on a synergistic blend of PAG (poly-alkylene-glycol) and POE (polyol ester) base oils. This product technology is designed for rotary screw air compressor applications where the fluid is exposed to elevated temperatures for extended periods of time.

OCP Oil PAG/POE 8000-46 is an excellent choice for service fill where polyglycol/ester type compressor lubricants are already used. The expected lifetime is 8.000 to 10.000 hours depending on operating conditions. It is especially advantageous in high temperature applications and does not leave any varnish or sludge residue as it often happens with mineral oil or polyalphaolefin (PAO) based products.

Key performance benefits:

- Varnish free operation and dissolves varnish left by other lubricants
- Outstanding low and high temperature properties
- Very good protection against corrosion and thermo-oxidative degradation
- Outstanding lubricity for long lifetime of the compressor
- High thermal conductivity of the fluid leads to cooler running temperature
- Extremely low carry over
- Blended with readily biodegradable base stocks

Application

OCP Oil PAG/POE 8000-46 is the perfect choice for rotary screw and centrifugal air compressors operated under highly demanding conditions with long drain intervals (8.000 operating hours)

Elastomer & Paint Compatibility

OCP Oil PAG/POE 8000-46 has been found to have a good compatibility with nitrile (medium and high nitrile) and Viton seal materials typically found in compressor seals and hoses.

The use of high quality epoxy paints is recommended as polyalkylene glycols are not compatible with certain conventional paints.

Change-over Procedure

OCP Oil PAG/POE 8000-46 contains polyalkylene glycols and is therefore not compatible with mineral oil and PAO based lubricants. Care should be taken when changing from such products to Compressor Oil PP 8000-46. For specific information please contact a representative of the European Chemical Technologies GmbH.

Product Safety Information / Safe Handling

Please consult the current Material Safety Data Sheet for detailed information on the toxicology, regulatory information and safe handling of OCP Oil PAG/POE 8000-46.

OCP Oil PAG/POE 8000-46 is not to be used in compressors that produce breathing air.

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Typical Standard Analysis

Property	Standard	PP 8000-46
Density at 15°C	ASTM D4052	990kg/m ³
Viscosity at 40°C	ASTM D445	46,0mm ² /s
Viscosity at 100°C	ASTM D445	8,7mm ² /s
Viscosity index	ASTM D2270	171
Pour Point	ASTM D97	-51°C
Flash Point	ASTM D92	289°C
AN/NZ	ASTM D664	0,09mgKOH/g
Air Release @50°C	ASTM D3427	2,2min
Foam Tendency (sequences I-III)	ASTM D892	0/0; 0/0; 0/0
Copper Strip Corrosion (3h, 100°C)	ASTM D 130	1a
Steel Corrosion sea water (method B)	ASTM D 665	Pass
4-Ball Wear, 392N, 1h, 75°C, 1200rpm	ASTM D 4172	0,62mm
Thermal Conductivity @ 60°C	-	0,14 W/mK