

PAO POLYOL ESTER AIR COMPRESSOR LUBRICANT



DESCRIPTION

PURUS® SYNTHETIC SOLUTIONS PAO POLYOL ESTER AIR COMPRESSOR LUBRICANT

is a fully formulated polyalphaolefin (PAO) and synthetic ester high performance compressor lubricant. Its primary use is in rotary screw air compressor applications. The product is ashless and is formulated with an advanced additive system to prevent rust, corrosion and oxidation. The fluid displays very good thermal, oxidative, and hydrolytic stability in applications that require extended drain intervals. The formulation is completely demulsible, has a low pour point and stable viscosity to increase effectiveness in applications where high and low temperature extremes are encountered.

APPLICATIONS*

- Rotary screw air compressors
- Centrifugal compressors

* To assure proper lubricant selection, please consult your PURUS Synthetic Solutions representative.

PERFORMANCE BENEFITS

FEATURES:

- Low water content
- Ashless formulation
- High viscosity index and low pour point
- Rust and corrosion protection
- Excellent thermal and oxidative stability
- Completely demulsible

BENEFITS:

- Maximum bearing life
- Minimal solid formation
- Improved oil flow and less wear at start up
- Wide operating temperature range
- Maximum bearing, cooler and equipment life
- Minimal vapor phase oil carryover to downstream equipment
- Longer oil life
- Longer filter life
- Minimize maintenance costs

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TYPICAL PROPERTIES*

TEST METHOD

ISO GRADE 46

Viscosity cSt @ 40° C	ASTM D-445	46.0
Viscosity cSt @ 100° C	ASTM D-445	8.05
Viscosity Index	ASTM D2270	147
New Fluid Moisture, ppm	ASTM D-1744	< 100
Specific Gravity @ 60°F/15.6° C	ASTM D-4052	0.866
Density, lb/gal	DIN 517578	7.21
Flash Point, °F/°C	ASTM D-92	479/248
Pour Point, °F/°C	ASTM D-97	-31/-35
Emulsion Tendency	ASTM D-1401	40/40/0 (<30 min)
Rust - Fresh Water Corrosion	ASTM D-665A	Pass
Copper Corrosion	ASTM D-130	1a

*Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

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	5 GALLON PAIL	55 GALLON DRUM	275 GALLON	330 GALLON TOTE
ISO 46	PSS27364	PSS17364	PSS57364	PSS77364