

DIESTER AIR COMPRESSOR LUBRICANT



DESCRIPTION

PURUS® SYNTHETIC SOLUTIONS DIESTER COMPRESSOR LUBRICANT series is a fully formulated ester synthetic high performance compressor lubricant. Its primary use is in reciprocating and rotary vane air compressors in which high temperature and high pressure air compression occurs. The series base oil and additive selection results in a product with excellent resistance to solid formation. The product is ashless and is formulated with an advanced additive system to prevent corrosion, wear and oxidation at elevated temperatures. The fluid displays outstanding thermal, oxidative, and hydrolytic stability in applications that require extended drain intervals and performance. This air compressor series has a low pour point to increase effectiveness in applications where low temperature extremes are encountered.

APPLICATIONS*

- Rotary Vane Compressors
- Reciprocating Compressors
- Rotary Vane Vacuum Pumps
- Rotary Screw Compressors

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

PERFORMANCE BENEFITS

FEATURES:

- No sludge or varnish formation
- Ashless formulation
- Low volatility
- Low pour point
- Wear and corrosion protection
- Excellent thermal and oxidative stability

BENEFITS:

- Less discharge valve maintenance
- Improved efficiency
- Extended compressor life
- Minimal solid formation
- Better oil flow and less wear at start up
- Wide operating temperature range
- Keeps systems clean due to no sludge formation
- Separation in gravity type oil/water separators
- Minimal vapor phase oil carryover to downstream equipment
- Maximum bearing, cylinder, cooler & equipment life
- Longer oil & filter life
- Minimize maintenance costs

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TYPICAL PROPERTIES* TEST METHOD ISO GRADE 46 ISO GRADE 68 ISO GRADE 100 ISO GRADE 150

Viscosity cSt @ 40° C	DIN 51562 ASTM D-445	45.6	69.3	102.6	153.5
Viscosity cSt @ 100° C	DIN 51562 ASTM D-445	7.8	10.7	12.89	19.7
Viscosity Index	DIN ISO 2909 ASTM D2270	141	143	121	147
Moisture, ppm	ASTM D-1744	< 150	< 150	< 150	< 150
Specific Gravity @ 60°F/15.6° C	ASTM D-4052	0.914	0.913	0.949	0.915
Density, lb/gal	DIN 51757 ASTM D-4052	7.62	7.61	7.91	7.63
Flash Point, °F/°C	ASTM D-93	476/247	473/245	514/268	500/260
Pour Point, °F/°C	ASTM D-97	-56/-49	-47/-44	-49/-45	-40/-40
Rust - Fresh Water Corrosion	ASTM D665A	Pass	Pass	Pass	Pass

*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	PSS27367	PSS17367	PSS57367	PSS77367
ISO 68	PSS27368	PSS17368	PSS57368	PSS77368
ISO 100	PSS27369	PSS17369	PSS57369	PSS77369
ISO 150	PSS27387	PSS17387	PSS57387	PSS77387