

ANDEROL PRODUCT DATA SHEET

ANDEROL® 3057M

SYNTHETIC COMPRESSOR OIL, ISO 46/68

GENERAL INFORMATION

ANDEROL 3057M is a PAO-based compressor lubricant that was designed to provide long-term lubrication of both rotary-vane and oil-flooded screw compressors.

TYPICAL PROPERTIES:

PROPERTY	TEST METHOD	TYPICAL RESULTS
ISO Viscosity Grade	ASTM D-2422	46/68
Viscosity @ 40°C, cSt	ASTM - 445	55.3
Viscosity @ 100°C, cSt	ASTM - 445	8.13
Viscosity @ -25°C, cSt	ASTM D-445	3672
Viscosity Index	ASTM D-2270	116
Density @ 15°C, kg/l	DIN 51.757	0.864
Pour Point, °C	ASTM D-97	-66
Flash Point, COC, °C	ASTM D-92	260
Total Acid Number, mg KOH/g	ASTM D-664	0.05
Humidity, %	ASTM D-1744	0.02
Evaporation, 22 hrs @ 210 °F, %	ASTM D-972	<1
Demulsibility @ 54 °C, ml oil/water/emulsion (min)	ASTM D-1401	40/38/2 (15)
Copper Strip Corrosion 8 hrs @ 100 °C	ASTM D-130	1a
Four-Ball Wear, 1200 rpm, 75 °C, 40 kg, 1 hr, mm	ASTM D-4172	0.6
Foaming Tendency, Sequence I, II, III	ASTM D-892	Nil
Specific Gravity @15.6°C	ASTM D-1298	0.85

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For more information please refer to the relevant Material Safety Data Sheet accompanying each product.

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APPLICATIONS

- Recommended for use in compressors such as:
- Oil flooded rotary screw compressors
- Oil flooded rotary vane compressors
- Reciprocating compressors

Nominal operating range for Anderol 3057M is -40°F to 400°F (-40°C to 205°C).

APPROVALS

Tested and approved by Knorr-Bremse AG (Knorr Brake Corporation). Should you have any questions regarding the suitability of ANDEROL 3057M compressor lubricant for a specific manufacturer's model compressor, please check with your ANDEROL lubricant supplier or contact Anderol Company.

ADVANTAGES

- Fewer oil changes for reduced maintenance
- Compatible with compressor seals, gaskets, hoses, and air system components
- Resistance to oxidation with reduced compressor varnish and deposits
- Greatly reduces fire and explosion hazard
- Longer service life and greater protection of compressor components
- Lower oil consumption

COMPATIBILITY

ANDEROL synthetic hydrocarbon based lubricants are similar to mineral oils in their compatibility with paints, seals, gaskets and hoses. No special precautions related to compatibility are required when changing over from a mineral oil lubricant to an ANDEROL synthetic hydrocarbon based lubricant.

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ANDEROL[®]
Specialty Lubricants

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