

ANDEROL PRODUCT DATA SHEET

ANDEROL[®] 3046

SYNTHETIC COMPRESSOR OIL (ISO 46)

GENERAL INFORMATION

ANDEROL 3046 is an ISO 46 compressor lubricant formulated from synthetic base fluid utilizing synthetic hydrocarbon (PAO) with specially developed additive systems.

ANDEROL 3046 is rated H2 for use in food processing plant applications.

TYPICAL PROPERTIES:

SALES SPECIFICATIONS				
PROPERTY	TEST METHOD	MIN	MAX	TYPICAL RESULTS
Viscosity @ 40°C, cSt	ASTM D-445	41.4	50.6	44.6
Viscosity @ 100°C, cSt	ASTM D-445	7.0	8.0	7.44
Pour Point, °C	ASTM D-97	-	-45	-60
Flash Point, °C	ASTM D-92	260	-	272
Specific Gravity, 15.6°C	ASTM D-4052B	0.855	0.870	0.863

ADDITIONAL INFORMATION		
PROPERTY	TEST METHOD	TYPICAL RESULTS
Evaporation, 22 hrs @ 99°C, %	ASTM D-972	<1.0
Copper Strip Corrosion, 3 hrs @ 100°C	ASTM D-130	1A
Demulsibility @ 54°C, ml oil/water/emulsion (minutes)	ASTM D-1401	40/40/0 (12)
Four-Ball Wear, 1200 rpm, 75°C, 40 kg, 1 hr, mm	ASTM D-4172	0.7

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

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APPLICATIONS

- Oil flooded rotary screw compressors
- Oil flooded rotary vane compressors
- ANDEROL 3046 may also be considered for other applications requiring an oxidation resistant lubricant.

Nominal operating Range is -30°C to 205°C (-20°F to 400°F).

APPROVALS

ANDEROL synthetic lubricants are field tested, approved or recommended by most major compressor manufacturers. Should you have any questions regarding the suitability of ANDEROL 3046 compressor lubricant for a specific manufacturer's model compressor, please check with your ANDEROL lubricant supplier or contact Anderol Company.

ADVANTAGES

- Fewer oil changes
- Compatible with compressor seals, gaskets, hoses, and air system components
- Reduced varnish lacquering and deposits
- Greatly reduced fire and explosion hazard
- Reduced compressor maintenance
- 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 COMPANY
PO Box 518, 215 Merry Lane
East Hanover, New Jersey USA
Tel: 888-ANDEROL
Or Tel: (973) 887-7410
Fax: (973) 884-3825
E-mail: info2@anderol.com