

ANDEROL PRODUCT DATA SHEET

ANDEROL® 3100

SYNTHETIC COMPRESSOR OIL (ISO VG 100)

GENERAL INFORMATION

ANDEROL 3100 is an ISO 100 compressor lubricant formulated from synthetic base fluid utilizing synthetic hydrocarbon (PAO) with specially developed additive systems.

ANDEROL 3100 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	90	110	95.2
Viscosity @ 100°C, cSt	ASTM D-445	11.5	-	12.07
Pour Point, °C	ASTM D-97	-	-46	-51
Flash Point, °C	ASTM D-92	270	-	282
Specific Gravity, 15.6°C	ASTM D-4052B	0.865	0.878	0.875

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 (22)
Four-Ball Wear, 1200 rpm, 75°C, 40 kg, 1 hr, mm	ASTM D-4172	0.6

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

APPLICATIONS

- Cylinder and crankcase lubricant for reciprocating compressors and vacuum pumps.
- ANDEROL 3100 may also be considered for other applications requiring an oxidation resistant lubricant.

Nominal operating Range is -15°C to 205°C.

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®
Specialty Lubricants

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