

ANDEROL[®] 3046 and 3068

SYNTHETIC COMPRESSOR OILS (ISO VG 46 and 68)

GENERAL INFORMATION

ANDEROL[®] 3046 and **ANDEROL[®] 3068** are, respectively, ISO 46 and ISO 68 compressor lubricants formulated from synthetic base fluid utilizing poly- α -olefin (PAO) and a specially developed additive system designed to provide long-term lubrication in rotary compressor applications.

APPLICATIONS

- Oil flooded rotary screw compressors
- Oil flooded rotary vane compressors
- Rotary screw, piston and vane pumps
- **ANDEROL[®] 3046 AND ANDEROL[®] 3068** may also be considered for other applications requiring oxidation resistant lubricants

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

ADVANTAGES

- Lower oil consumption
- Reduces lacquering and deposits
- Fewer oil changes
- Compatibility with compressor seals, gaskets, hoses and air system components
- Reduces compressor maintenance
- Greatly reduces fire and explosion hazard
- Lower operating cost
- Consolidation of compressor fluids, reduced inventory

APPROVALS and SPECIFICATIONS

ANDEROL[®] 3046 and **ANDEROL[®] 3068** have an outstanding record of service in all major OEM rotary screw air compressors.

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Technical Service

Customer Service

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TYPICAL PROPERTIES

PROPERTIES	TEST METHOD	ANDEROL [®] 3046	ANDEROL [®] 3068
Viscosity, cSt			
@ 40 °C	ASTM D 445	42	65
@ 100 °C	ASTM D 445	7.1	9.4
Viscosity Index	ASTM D 2270	130	124
Pour Point, °C	ASTM D 97	-44	-52
Flash Point, COC, °C	ASTM D 92	269	286
Specific Gravity, 15.6 °C (60 °F)	ASTM D 4052B	0.865	0.868
Copper Strip Corrosion, 3 hrs @ 100 °C	ASTM D 130	1B	1A
Evaporation, 22 hrs @ 99 °C (210 °F), % loss	ASTM D 972	<1.0	<1.0
Four-Ball Wear, 1200 rpm, 167 °F (75 °C), 40 kg, 1 hour, mm	ASTM D 4172	0.7	0.7
Ferrous corrosion	ASTM D 665 B	Pass	Pass
Foam, Sequence I, mL initial/mL final	ASTM D 892	Nil	Nil
Demulsibility @ 54 °C, mL oil/water/emulsion (min)	ASTM D 1401	42/38/0 (<30)	41/39/0 (<30)

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.

PACKAGING

ANDEROL[®] 3046 and **ANDEROL[®] 3068** are available in 5-gallon pails and 55-gallon drums. Other packages may be available upon request.

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