

ANDEROL[®] 3100 and ANDEROL 3150

SYNTHETIC LUBRICANTS (ISO VG 100 and 150)

GENERAL INFORMATION

ANDEROL 3100[®] and **ANDEROL 3150** are, respectively, ISO VG 100 and ISO VG 150 R&O type synthetic lubricants formulated with a poly- α -olefin (PAO) base fluid containing a specially developed additive system designed to provide long-term lubrication in rotating equipment applications.

APPLICATIONS

- Rotating equipment lubricant.
- Cylinder and crankcase lubricant for reciprocating compressors and vacuum pumps.
- Applications requiring an rust and oxidation resistant lubricant, such as:
 - Enclosed gears requiring AGMA R&O type lubricant
 - Roots type blowers
 - Chains
 - Bearings requiring an ISO 100 or ISO 150 lubricant

Nominal Operating Range is -10°C to 215°C (15°F to 420°F).

ADVANTAGES

- Extended lubrication life and reduced evaporation characteristics for fewer oil changes
- Compatible with seals, gaskets, hoses, and system components designed for mineral oil based lubricants
- Reduced varnish lacquering and deposits
- Greatly reduced fire and explosion hazard
- Reduced maintenance
- Lower oil consumption

APPROVALS and SPECIFICATIONS

ANDEROL[®] 3100 and **ANDEROL[®] 3150** are field tested, approved or recommended by rotating equipment manufacturers including air compressors. Should you have any questions regarding the suitability of **ANDEROL[®] 3100** or **ANDEROL[®] 3150** compressor lubricant for a specific manufacturer's model compressor, please check with your ANDEROL lubricant supplier or contact Anderol Technical Service.

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ANDEROL [®] 3100	ANDEROL [®] 3150
Viscosity, cSt			
@ 40°C, cSt	ASTM D445	96	147
@ 100°C, cSt	ASTM D445	12.4	16.8
Viscosity Index	ASTM D2270	116	122
Pour Point, °C	ASTM D97	-49	-42
Flash Point, COC °C	ASTM D92	281	289
Specific Gravity, 15.6°C	ASTM D 4052B	0.872	0.880
Copper Strip Corrosion, 3 hrs @ 100°C	ASTM D130	1A	1A
Evaporation, 22 hrs @ 99°C, %	ASTM D972	<1.0	<1.0
Four-Ball Wear, 1200 rpm, 167°F (75°C), 40 kg, 1 hr, mm	ASTM D4172	0.35	0.6
Ferrous corrosion	ASTM D665B	Pass	Pass
Foam, Sequence I (mL foam)	ASTM D892	0/0	0/0
Demulsibility @ 54°C, mL oil/water/emulsion (min)	ASTM D1401	40/40/0 (<30)	40/37/3 (<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[®] 3100 and **ANDEROL[®] 3150** are available in 5-gallon pails and 55-gallon drums. Other packages may be available upon request.

A3150: REV120525

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Anderol Specialty Lubricants
a division of Chemtura Corporation
215 Merry Lane
East Hanover, New Jersey 07936
Technical Service +1.973.887.7410
Customer Service +1.203.573.4595
Fax +1.203.573.2324
info-anderol@chemtura.com
www.anderol.com