ANDEROL PRODUCT DATA SHEET

ANDEROL® 755

SYNTHETIC COMPRESSOR LUBRICANT

GENERAL INFORMATION

ANDEROL 755 is an ISO 150 diester based synthetic compressor lubricant specifically designed to provide long-term lubrication in process gas compressors.

TYPICAL PROPERTIES:

SALES SPECIFICATIONS

PROPERTY	TEST METHOD	MIN	MAX	TYPICAL
Viscosity @ 40°C, cSt	ASTM D-445	135	165	147
Viscosity @ 100°C, cSt	ASTM D-445	12.5	14.5	13.3
Pour Point, °C	ASTM D-97	-	-30	-37
Flash Point, °C	ASTM D-92	240	-	270
Specific Gravity, 15.6°C	ASTM D-4052B	0.95	0.97	0.96

ADDITIONAL INFORMATION

PROPERTY	TEST METHOD	TYPICAL
Autoignition Temperature, °C	ASTM E-659	410
Conradson Carbon Residue, %	ASTM D-189	0.02
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 (min)	ASTM D-1401	39/38/3 (<60)
Four-Ball Wear, 1200 rpm, 75°C, 40 kg, 1 hr, mm	ASTM D-2266	0.8

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

APPLICATIONS

For cylinder and frame lubrication of reciprocating compressors and vacuum pumps using the following gases:

Air	Butadiene	Carbon Dioxide (dry)	Carbon Monoxide
Ethylene	Furnace (crack) Gas	Helium	Hydrogen
Hydrogen Sulfide (dry)	Methane	Natural Gas	Nitrogen
Propane	Sulfur Hexafluoride	Synthesis Gas	

Nominal Operating Range is –15°C to 230°C (5°F to 450°F).

ADVANTAGES

- Fewer oil changes
- Reduces compressor maintenance
- Greatly reduces fire and Explosion hazard
- Separates water condensate rapidly
- Lower oil consumption
- Eliminates lacquering and deposits
- Reduces energy consumption
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COMPATIBILITY

COMPATIBILITY - The following seals, paints, and plastics are recommended for use in contact with Anderol Company Synthetic Lubricants. Materials not recommended are also shown. For more information on other materials, see our "Compatibility Guide."

RECOMMENDED - Viton, High Nitrile Buna N, Teflon, Epoxy Paint, Oil-Resistant Alkyd, Nylon, Delrin, Celcon, PBT

NOT RECOMMENDED - Neoprene, SBR Rubber, Low Nitrile Buna N, Acrylic Paint, Lacquer, Polystyrene, PVC, ABS

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ANDEROL®
Specialty Lubricants