

ANDEROL® 755

PROCESS GAS LUBRICANT
SYNTHETIC LUBRICATING OIL

DESCRIPTION

ANDEROL® 755, previously known as “ANDEROL Process Compressor Lubricant”, is an ISO 150 diester based synthetic compressor lubricant, specifically designed to provide long-term lubrication in process gas compressors. This product provides outstanding performance characteristics in both splash and piston type reciprocating compressors.

APPLICATIONS

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

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

Nominal Operating Range is –15°C to 250°C

ADVANTAGES

- Low level of volatility 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

APPROVALS and SPECIFICATIONS

ANDEROL 755 is field tested, approved or recommended by major compressor manufacturers.

The product is approved and listed in UOP's T-509-02 “Reciprocating Compressor Spec Writer, REV. 1.2”.

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ANDEROL® 755
Viscosity, cSt		
@ 40°C	ASTM D 445	152.0
@ 100°C	ASTM D 445	12.6
Pour Point, °C	ASTM D 97	-33
Flash Point, COC, °C	ASTM D 92	290
Specific Gravity, 15.6 °C (60°F)	ASTM D 4052B	0.95
Copper Strip Corrosion, 3 hrs @ 100 °C	ASTM D 130	1b
Autoignition Temperature, °C	ASTM E 659	410
Evaporation, 22 hrs @ 99 °C (210°F), % loss	ASTM D 972	<1.0
Conradson Carbon Residue, %	ASTM D 189	0.02
Four-Ball Wear, 1200 rpm, 167°F (75°C), 40 kg, 1 hour, mm	ASTM D 4172	0.7
Demulsibility @ 54 °C, mL oil/water/emulsion (min)	ASTM D 1401	41/39/0(<40)

COMPATIBILITY

The following seals, paints, and plastics are recommended for use in contact with ANDEROL Synthetic Lubricants. Materials not recommended are also shown. For more information please call Anderol Technical Services

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

PACKAGING

ANDEROL® 755 is available in 5-gallon pails and 55-gallon drums. Other packages may be available upon request.

A755:REV112910

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