

# ANDEROL PRODUCT DATA SHEET

## ANDEROL® 555

SYNTHETIC COMPRESSOR OIL (ISO VG 100)

### GENERAL INFORMATION

ANDEROL 555 is an ISO 100 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 RESULTS
Viscosity @ 40°C, cSt	ASTM D-445	90.0	110	97
Viscosity @ 100°C, cSt	ASTM D-445	---	---	9.3
Pour Point, °C	ASTM D-97	-	-30	-35
Flash Point, °C	ASTM D-92	230	-	274
Specific Gravity, 15.6°C	ASTM D-4052B	0.95	0.97	0.96

ADDITIONAL INFORMATION		
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

**ANDEROL 555**

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

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## APPLICATIONS

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

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

Nominal Operating Range is  $-15^{\circ}\text{C}$  to  $230^{\circ}\text{C}$  ( $5^{\circ}\text{F}$  to  $445^{\circ}\text{F}$ )

## APPROVALS

ANDEROL synthetic lubricants are the only long-life synthetic lubricants with over 20 years of successful performance. They are field tested, approved or recommended by most major compressor manufacturers. Should you have any questions regarding the suitability of ANDEROL 555 compressor lubricant for a specific manufacturer's model compressor, please check with your ANDEROL lubricant supplier or contact Anderol Inc.

## ADVANTAGES

- No metallic additives to interfere with catalytic processes
- Fewer oil changes
- Lower oil consumption
- Reduces compressor maintenance
- Eliminates lacquering and deposits
- Greatly reduces fire and explosion hazard
- Reduces energy consumption
- Separates water condensate rapidly

## 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 on other materials, see our "Compatibility Guide."

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

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

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**ANDEROL**<sup>®</sup>  
Specialty Lubricants

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