

# ANDEROL PRODUCT DATA SHEET

## ANDEROL<sup>®</sup> 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           |

**ANDEROL 755**

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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                    | 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  $-15^{\circ}\text{C}$  to  $230^{\circ}\text{C}$  ( $5^{\circ}\text{F}$  to  $450^{\circ}\text{F}$ ).

## 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
- 

## 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

A755: 3/14/01eb



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