ANDEROL PRODUCT DATA SHEET

ANDEROL® 817

SYNTHETIC COMPRESSOR OIL

WITH CORROSION INHIBITOR FOR EXTENDED STORAGE

GENERAL INFORMATION

ANDEROL 817 is an ISO 150 diester-based lubricant designed to provide high temperature lubrication with minimal deposit formation. It contains a corrosion inhibitor to prevent rust during storage. The base oil is ANDEROL 750. ANDEROL 817 provides vapor phase protection after it has been run in a compressor. It is not necessary to flush or coat interior parts with special metal protective oil prior to storage after using ANDEROL 817. ANDEROL 817 can be replaced with another ANDEROL lubricant such as ANDEROL 750 after storage without having to use expensive flushing oils prior to bringing the compressor back into service.

ANDEROL 817

TYPICAL PROPERTIES:

SALES SPECIFICATIONS				
PROPERTY	**TEST METHOD**	**MIN**	**MAX**	**TYPICAL**
Viscosity @ 40°C, cSt	ASTM D-445	135	165	159
Viscosity @ 100°C, cSt	ASTM D-445	12.0	14.0	13.1
Pour Point, °C	ASTM D-97	-	-23	-30
Flash Point, °C	ASTM D-92	235	-	255
Specific Gravity, 15.6°C	ASTM D-4052B	0.94	0.96	0.950

ADDITIONAL INFORMATION		
PROPERTY	**TEST METHOD**	**TYPICAL**
Autoignition Temperature, °C	ASTM E-659	410
Humidity Cabinet, hrs	FTM 5329.1	168 hrs
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 (minutes)	ASTM D-1401	35/35/10 (60)
Four-Ball Wear, 1200 rpm, 75°C, 40kg, 1 hr, mm	ASTM D 2266	0.7

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

APPLICATIONS

Cylinder and crankcase lubrication for reciprocating compressors and vacuum pumps for the following gases:

ANDEROL 817 may also be considered for other applications requiring a corrosion and oxidation resistant lubricant. As a metal deactivator and corrosion inhibitor, it performs best under covered storage for up to six months duration.

Nominal Operating Range is –5°C to 230°C.

ADVANTAGES

- Fewer oil changes
- Reduces compressor maintenance
- Greatly reduces fire and explosion hazard
- Separates water condensate rapidly
- Anti-corrosion and anti-rust additives for extended storage
- Lower oil consumption
- Eliminates lacquering and deposits
- Reduces energy consumption
- No separate flushing or pre-storage procedures required

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

A817: 11/7/01eb

ANDEROL®
Specialty Lubricants

ANDEROL COMPANY
PO Box 518, 215 Merry Lane
East Hanover, New Jersey USA
Tel: 888-ANDEROL
Or Tel: (973) 887-7410
Fax: (973) 884-3825
E-mail: info2@anderol.com