

# ANDEROL 500

## Synthetic Compressor Lubricant

Product Data Sheet



**ANDEROL 500** is an ISO 100 synthetic diester based compressor lubricant specifically designed to provide longterm lubrication in air and process gas compressors.

**ANDEROL 500** meets or exceeds the following specifications:

DIN 51506

### ADVANTAGES / BENEFITS

No metal additives to interfere with catalytic processes

- 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

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, PBT

#### NOT RECOMMENDED:

Neoprene, SBR Rubber, Low Nitrile Buna N, Acrylic Paint, Lacquer, Polystyrene, PVC, ABS

### APPLICATION

- Air
- Butadiene
- Carbon Monoxide
- Carbon Dioxide (dry)
- Ethylene
- Helium
- Hydrogen
- Natural gas
- Methane
- Nitrogen
- Propane

Cylinder and crankcase lubrication for reciprocating compressors, vane compressors and vacuum pumps.

Nominal Operating Range -15°C to 210 °C

PROPERTIES	TEST METHOD	ANDEROL 500
Appearance @ 20°C	visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	97.8
Viscosity @ 100°C, cSt	ASTM D-445	10.0
Viscosity Index	ASTM D-2270	78
Density @ 15°C, kg/l	ASTM D-1298	0.953
Total Acid Number, mg KOH/g	ASTM D-664	0.07
Flash Point, °C	ASTM D-92	232
Pour Point, °C	ASTM D-97	-36
Demulsibility @ 82°C,min	ASTM D-1401	10

FOR MORE INFORMATION PLEASE REFER TO THE RELEVANT MATERIAL SAFETY DATA SHEET

### APROVALS / REGISTRATIONS



#### ANDEROL BV

Punterweg 21 A  
6222 NW MAASTRICHT  
The NETHERLANDS

Tel No.: +31 (0)43 352 41 90  
Fax No.: +31 (0)43 352 41 99  
www.anderol-europe.com

This information is furnished without warranty, representation, inducement, or license of any kind except that it is accurate to the best of OUR knowledge or obtained from sources believed by ANDEROL to be accurate. ANDEROL does not assume any legal responsibility for use of reliance upon it. Only Chemists or chemically qualified lab technicians should carry out tests. Before using any chemicals, read its label and Material Safety Data Sheet.