



# PRODUCT DATA SHEET

## ANDEROL 3100

### Synthetic Compressor Lubricant



#### ADVANTAGES/BENEFITS

ANDEROL® synthetic lubricants are the only long-life synthetic lubricants with over 70 years of successful performance.

- Fewer oil changes
- Increases maintenance intervals
- 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

Lubrication of piston and vane compressors, or any other application requiring an oxidation resistant lubricant.

ANDEROL 3100 can be used in the presence of following gasses:

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

#### APPROVALS

- Cincinnati Milacron
- ABAC
- Tanabe
- ALUP

ANDEROL 3100 is an ISO 100 compressor lubricant based on synthetic esters and synthetic hydrocarbon (PAO) with a specially developed additive system providing excellent oxidative and thermal stability.

ANDEROL 3100 meets or exceeds the following specifications:  
DIN 51506 VDL, ISO 6743-3 L-DAJ

ANDEROL 3000 range is available in the grades ISO VG 32, 46, 57, 68, 100 and 150.

PROPERTIES	TEST METHOD	ANDEROL 3100
ISO VG	ASTM D-2422	100
Appearance @ 20°C	visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	102.8
Viscosity @ 100°C, cSt	ASTM D-445	12.9
Viscosity Index	ASTM D-2270	120
Density @ 15°C, kg/l	ASTM D-1298	0.875
Total Acid Number, mg KOH/g	ASTM D-664	0.04
Flash Point, °C	ASTM D-92	274
Pour Point, °C	ASTM D-97	-45
Demulsibility @ 82 °C, min	ASTM D-1401	10
Determination for rust preventive properties in water Proc A	DIN ISO 7120	Pass
Sulfate Ash content (wt %)	DIN 51575	<0.01

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

#### REGISTRATIONS



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.

# ANDEROL®

Specialty Lubricants

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