



PRODUCT DATA SHEET

ANDEROL 3046

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 oil flooded screw, axial and centrifugal compressors, or any other application requiring an oxidation resistant lubricant.

ANDEROL 3046 can be used in the presence of following gasses:

- Air
- Butadiene
- Carbon Monoxide
- Furnace (crack) gas
- Carbon Dioxide (dry)
- Ethylene
- Helium
- Hydrogen
- Hydrogen Sulfide (dry)
- Natural gas
- Methane
- Nitrogen
- Propane
- Synthesis gas
- Sulfur Hexafluoride

APPROVALS

- Cincinnati Milacron
- Sauer & Sohn
- ALUP
- Bundeswehr
- ALMiG
- Nuovo Pignone
- ABAC
- Botarini
- Girpi

ANDEROL 3046 is an ISO 46 compressor lubricant based on synthetic esters and synthetic hydrocarbon (PAO) with a specially developed additive system providing excellent oxidative and thermal stability.

ANDEROL 3046 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 3046
ISO VG	ASTM D-2422	46
Appearance @ 20°C	visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	42
Viscosity @ 100°C, cSt	ASTM D-445	7.1
Viscosity Index	ASTM D-2270	131
Density @ 15°C, kg/l	ASTM D-1298	0.861
Total Acid Number, mg KOH/g	ASTM D-664	0.06
Flash Point, °C	ASTM D-92	254
Pour Point, °C	ASTM D-97	-48
Demulsibility @ 54 °C, min	ASTM D-1401	10
Sulphated ash	DIN 51575	0.00047
% CRC of 20% dest	DIN 51536	0.04

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

Groot Egtenrayseweg 23, 5928 PA Venlo, The Netherlands • Tel: +31 (0)77 3960340 • www.anderol-europe.com