

# ANDEROL 3046

## Synthetic Compressor Lubricant

### Product Data Sheet



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 is rated H2 for use in food processing plant applications.

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

#### ADVANTAGES / BENEFITS

ANDEROL synthetic lubricants are the only long-life synthetic lubricant with over 60 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 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

#### 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
- Nuovo Pignone
- Sauer & Sohn
- ABAC
- ALUP
- Botarini
- Bunderwehr
- Girpi

#### PRODUCT SPECIFICATIONS

PROPERTIES	TEST METHOD	ANDEROL 3046
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

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

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