

### Anderol<sup>®</sup> 3046

Anderol<sup>®</sup> Industrial lubricants compressors and vacuum pumps

#### Description

##### Synthetic Compressor Lubricant

**Anderol<sup>®</sup> 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<sup>®</sup> 3046** meets or exceeds the following specifications:  
DIN 51506 VDL , ISO 6743-3 L-DAJ

**Anderol<sup>®</sup> 3000** range is available in the grades ISO VG 32, 46, 57, 68, 100 and 150.

#### Features and Benefits

- 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<sup>®</sup>** 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



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#### Application

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

**Anderol<sup>®</sup> 3046** can be used in the presence of following gasses:

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

#### Approvals

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



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#### Technical data\*

PROPERTY	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
Copper corrosion	ASTM D-130	1a
Flash point closed cup, °C	ASTM D-93	236
Steel corrosion	ASTM D 665-A	Pass

\*The analytical data are guide values.



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Consult safety data sheet (SDS) for additional handling information on **Anderol<sup>®</sup> 3046**  
For registrations, certificates and approvals please refer to [anderol.com](http://anderol.com)

® = registered trade mark

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