

### Anderol<sup>®</sup> SYNcom HiPerf 46

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

#### Description

##### Synthetic Compressor Lubricant

**Anderol<sup>®</sup> SynCom HiPerf 46** is an ISO 46 compressor lubricant based on synthetic hydrocarbon (PAO) and synthetic esters with a specially developed additive system providing excellent oxidative and thermal stability resulting in long oil life, the product also provides a clean machinery lubrication.

**Anderol<sup>®</sup> SYNcom HiPerf 46** meets or exceeds the following specifications:  
DIN 51506 VDL , ISO 6743-3 L-DAJ

#### 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> SYNcom HiPerf 46 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

#### Technical data\*

PROPERTY	METHOD	ANDEROL SYNcom HiPerf 46
ISO VG	ASTM D-2422	46
Appearance @ 20°C	visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	46.3
Viscosity @ 100°C, cSt	ASTM D-445	7.7
Viscosity Index	ASTM D-2270	136
Density @ 15°C, kg/l	ASTM D-1298	0.8469
Total Acid Number, mg KOH/g	ASTM D-664	0.08
Flash Point, °C	ASTM D-92	268
Pour Point, °C	ASTM D-97	-58
Demulsibility @ 54 °C, min	ASTM D-1401	10
Sulphated ash	DIN 51575	< 0.001
% CRC of 20 dest.	DIN 51536	0.02
Copper Corrosion Test	ASTM D 130	1a
Rust prevention	ASTM D 665 A	Pass
Evaporation Loss, 100°C, 22 hrs, %	ASTM D 972	<0.01

\*The analytical data are guide values.



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Consult safety data sheet (SDS) for additional handling information on **Anderol<sup>®</sup> SYNcom HiPerf 46**  
For registrations, certificates and approvals please refer to [anderol.com](http://anderol.com)

® = registered trade mark

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