

### Anderol<sup>®</sup> SYNcom FG HiPerf 100

Anderol<sup>®</sup> Food grade lubricants compressors and vacuum pumps

#### Description

##### Synthetic Food Grade Compressor Lubricant

**Anderol<sup>®</sup> SynCom FG HiPerf 100** is an ISO 100 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 FG HiPerf 100** meets or exceeds the following specifications:  
DIN 51506 VDL , ISO 6743-3 L-DVC

**Anderol<sup>®</sup> SynCom FG HiPerf 100** is NSF/H1 registered. The product is certified Kosher by Orhodox Union and Halal by the Islamic Food Council of Europe.

#### 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 where incidental Food contact may occur.

Anderol<sup>®</sup> SYNcom FG HiPerf 100 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\*



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PROPERTY	METHOD	ANDEROL SYNcom FG HiPerf 100
ISO VG	ASTM D-2422	100
Appearance @ 20°C	visual	Clear Yellow Liquid
Viscosity @ 40°C, cSt	ASTM D-445	96.4
Viscosity @ 100°C, cSt	ASTM D-445	13.3
Viscosity Index	ASTM D-2270	137
Density @ 15°C, kg/l	ASTM D-1298	0.8571
Total Acid Number, mg KOH/g	ASTM D-664	0.1
Flash Point, °C	ASTM D-92	250
Pour Point, °C	ASTM D-97	-48
Demulsibility @ 54 °C, min	ASTM D-1401	10
Sulphated ash	DIN 51575	< 0.01
% CRC of 20 dest.	DIN 51536	0.03
Copper Corrosion Test	ASTM D 130	1a
Air release, 75°C, min	ASTM D 3427	1.8
Rust prevention	ASTM D 665 A	Pass
Evaporation Loss, 100°C, 22 hrs, %	ASTM D 972	0.1

*\*The analytical data are guide values.*



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Consult safety data sheet (SDS) for additional handling information on **Anderol<sup>®</sup> SYNcom FG HiPerf 100**  
This product is NSF H1, Kosher and Halal registered and produced in a ISO 21469 certified plant.  
For registrations, certificates and approvals please refer to [anderol.com](http://anderol.com)

® = registered trade mark

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