

Anderol[®] SYNcom HiPerf 46

Anderol[®] Industrial lubricants compressors and vacuum pumps

Description

Synthetic Compressor Lubricant

Anderol[®] 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[®] 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[®]** 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



Anderol[®] SYNcom HiPerf 46

Anderol[®] Industrial lubricants compressors and vacuum pumps

Application

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

Anderol[®] 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.



Anderol[®] SYNcom HiPerf 46

Anderol[®] Industrial lubricants compressors and vacuum pumps

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

® = registered trade mark

This is a product of Anderol BV
Groot Egtenrayseweg 23
5928PA Venlo
The Netherlands
www.anderol.com

This information and our technical advice – whether verbal, in writing or by way of trials – is subject to change without notice and given in good faith but without warranty or guarantee, express or implied, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

©2021 LANXESS and the LANXESS Logo are trademarks of LANXESS Deutschland GmbH or its affiliates. All trademarks are registered in many countries in the world.

North America
+1.833.LANXESS
customer.care@lanxess.com

Europe, Middle East & Africa
+31.77.396.0340
customerservice@anderol.com

South & Central America
+55.19.3522.5083
atendimento.cliente@lanxess.com

Asia Pacific
+86.21.6109.6666
Orders.apac@lanxess.com

