

### Anderol<sup>®</sup> FG XL 46

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

#### Description

##### H1 High Performance Food Grade Compressor Lubricant

**Anderol<sup>®</sup> FG XL 46** is a next generation synthetic compressor oil based on a mixture of specially selected non-toxic synthetic polyalphaolefins combined with a high performance additive technology. This advanced formulation provides additional detergency properties preventing lacquer and varnish formation.

**Anderol<sup>®</sup> FG XL 46** meets the lubrication requirements of air compressors running in food processing plants.

**Anderol<sup>®</sup> FG XL 46** meets or exceeds DIN 51506.

**Anderol<sup>®</sup> FG XL 46** meets or exceeds ISO 6743-3 DAJ.

**Anderol<sup>®</sup> FG XL 46** is NSF/H1, Kosher, Halal registered and produced in a ISO 21469 certified plant.

**Anderol<sup>®</sup> FG XL** range is available in the grades ISO VG 15, 32, 46, 68, 100 and 150.

#### Features and Benefits

- Fewer oil changes.
- Compatible with compressor seals, gaskets, hoses and system components.
- Reduced varnish lacquering and deposits.
- Less maintenance intervals.
- Lower oil consumption.
- Excellent anti-wear properties.
- Rust and oxidation inhibited.
- Good water separation.

#### Compatibility

**Anderol<sup>®</sup>** synthetic hydrocarbon based lubricants are similar to mineral oils in their compatibility with paints, seals, gaskets and hoses. No special precautions related to compatibility are required when changing over from a mineral oil lubricant to an **Anderol<sup>®</sup>** synthetic hydrocarbon based lubricant.

This product was tested and found compatible to be used in ammonia systems.



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#### Application

Recommended for use in rotary-screw compressors and other rotating equipment applications where incidental food contact may occur.

Nominal Operating Range is -35/-40°C to 170°C.

#### Technical data\*

PROPERTY	METHOD	ANDEROL FG XL 46
ISO VG	ASTM D-2422	46
Appearance @ 20°C	visual	Clear colorless to light yellow liquid
Viscosity @ 40°C, cSt	ASTM D-445	45.7
Viscosity @ 100°C, cSt	ASTM D-445	7.8
Viscosity Index	ASTM D-2270	140
Density @ 15°C, kg/l	ASTM D-1298	0.839
Total Acid Number, mg KOH/g	ASTM D-664	0.09
Flash Point, COC, °C	ASTM D-92	235
Pour Point, °C	ASTM D-97	-57
Demulsibility @ 54°C, min	ASTM D-1401	10
Sulphated ash	DIN 51575	0.04
%CRC of 20% dest	DIN 51536	0.009

\*The analytical data are guide values.



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

® = registered trade mark

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Groot Egtenrayseweg 23  
5928PA Venlo  
The Netherlands  
[www.anderol.com](http://www.anderol.com)

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North America  
+1.833.LANXESS  
[customer.care@lanxess.com](mailto:customer.care@lanxess.com)

Europe, Middle East & Africa  
+31.77.396.0340  
[customerservice@anderol.com](mailto:customerservice@anderol.com)

South & Central America  
+55.19.3522.5083  
[atendimento.cliente@lanxess.com](mailto:atendimento.cliente@lanxess.com)

Asia Pacific  
+86.21.6109.6666  
[Orders.apac@lanxess.com](mailto:Orders.apac@lanxess.com)

