LANXESS

Lubricant Additives Business

Anderol® FGH 100

Anderol® Food grade lubricants hydraulics

Description

H1 High Performance Food Grade Hydraulic Lubricant

Anderol® FGH 100 is a synthetic hydraulic oil based on a mixture of specially selected non-toxic synthetic polyalphaolefins combined with a high performance additive technology.

Anderol® FGH 100 meets the lubrication requirements of hydraulic systems running in food processing plants.

Anderol® FGH range is available in the grades ISO VG 15, 22, 32, 46, 68 and 100.

Anderol® FGH 100 is NSF/H1 registered. The product is certified Kosher by the Orthodox Union and Halal by the Islamic Food Council of Europe.

Anderol® Food Grade Lubricants meet the requirement of the FDA regulation 21 CFR 178.3570.

Features and Benefits

- Fewer oil changes.
- Compatible with hydraulic seals, gaskets, hoses and air 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® 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®** synthetic hydrocarbon based lubricant.

Application

Recommended for hydraulic systems in food processing machinery.
Also recommended for chains, vanes, canning and bottling machinery.

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

Edition: 2021-01-14

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Approvals

- Unilever

Technical data*

PROPERTY	METHOD	ANDEROL FGH 100
ISO VG	ASTM D-2422	100
Appearance @ 20°C	visual	Clear colorless to light yellow liquid
Viscosity @ 40°C, cSt	ASTM D-445	99.4
Viscosity @ 100°C, cSt	ASTM D-445	13.2
Viscosity Index	ASTM D-2270	130
Density @ 15°C, kg/l	ASTM D-1298	0.842
Total Acid Number, mg KOH/g	ASTM D-664	0.04
Flash Point, COC, °C	ASTM D-92	265
Pour Point, °C	ASTM D-97	-54
Demulsibility @ 54°C	ASTM D-1401	15
Fe-8 Bearing Test, Wear of roller sets mg	DIN 51819-3 , D7.5/80-80	18

**The analytical data are guide values.*

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Consult safety data sheet (SDS) for additional handling information on **Anderol® FGH 100**
This product is NSF H1, Kosher, Halal registered and produced in a ISO 21469 certified plant.
For registrations, certificates and approvals please refer to anderol.com

® = registered trade mark

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Edition: 2021-01-14