

Anderol® 6680

Anderol® Food grade lubricants gears and bearings

Description

H1 High Performance Food Grade Gear Lubricant

Anderol® 6680 is a synthetic gear oil based on a mixture of specially selected non-toxic synthetic polyalphaolefins with a specially developed additive system providing excellent oxidative and thermal stability. This product meets the lubrication requirements of gears running in food processing plants.

Anderol® 6680 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.

Anderol® 6000 range is available in the grades ISO VG 150, 220, 320, 460 and 680.

Features and Benefits

- Fewer oil changes.
- Reduces energy costs.
- Compatible with mineral oils and most synthetic fluids.
- High and low temperature applications.
- Increased oxidation stability.
- Reduced volatility.

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

- Gear sets, excluding Worm Gears
- Bearings
- Circulating oil systems
- Chains



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Technical data*

PROPERTY	METHOD	ANDEROL 6680
ISO VG	ASTM D-2422	680
Appearance @ 20°C	visual	Clear colorless to light yellow liquid
Viscosity @ 40°C, cSt	ASTM D-445	618.6
Viscosity @ 100°C, cSt	ASTM D-445	48.9
Viscosity Index	ASTM D-2270	133
Density @ 15°C, kg/l	ASTM D-1298	0.869
Total Acid Number, mg KOH/g	ASTM D-664	0.5
Flash Point, COC, °C	ASTM D-92	240
Pour Point, °C	ASTM D-97	-22
4-Ball Wear, 1200 rpm, 75°C, 40 kg	ASTM D-4172	0.29
4-Ball Weld, kg	ASTM D-2783	160
Demulsibility@ 82°C, min.	ASTM D-1401	25
Fe-8 Bearing Test, Wear of roller sets mg	DIN 51819-3, D7,5/80-80	13.4

**The analytical data are guide values.*

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Consult safety data sheet (SDS) for additional handling information on **Anderol[®] 6680**

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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