PRODUCT DATA SHEET

ANDEROL 7220 FG

H1 High Performance Food Grade Gear & Chain Lubricant

ADVANTAGES/BENEFITS

- Long life, fewer oil changes
- High water tolerance
- Very good heat dissipation
- Improved thermal stability
- Increased oxidative stability
- Extends equipment life
- High and low temperature operations
- Excellent corrosion inhibition
- Reduced volatility
- No sludge formation

COMPATIBILITY

ANDEROL 7220 FG is PAG based, therefore thorough cleaning is recommended when mixing with any other chemistries, such as petroleum based (mineral oils) and/or PAO (Polyalphaolefins).

When changing over from a conventional mineral oil care should be taken to minimize contamination caused by decomposition material from the previous lubricant.
Thorough cleaning with an ester followed by a light petroleum solvent is advisable.

APPLICATION

- Worm gears
- Chains and ways, including high water containing applications.

They can also be used in:

- Low speed gear sets
- Bearings
- Circulation systems
- Almost all gear sets requiring an ISO 150 or 220 VG oil.

ANDEROL 7220 FG is a high performance product, designed primarily for industrial worm gear applications in the food & beverage industry. It may also be considered as a general purpose gear lubricant or to lubricate chains and ways.
This fluid is a synthetic Polyalkylene Glycol (PAG) based fluid that provides excellent thermal and oxidative stability, load carrying ability and sludge-free operation over a wide temperature range. The PAG base stock is enhanced with a special mixture of additives providing thermal oxidation stability and anti-wear performance.

ANDEROL 7220 FG 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.

PROPERTIES	TEST METHOD	ANDEROL 7220 FG
ISO VG	ASTM D-2422	220
Appearance @ 20°C	visual	Clear liquid
Viscosity @ 40°C, cSt	ASTM D-445	216.0
Viscosity @ 100°C, cSt	ASTM D-445	34.3
Viscosity Index	ASTM D-2270	207
Density @ 15°C, kg/l	ASTM D-1298	0.9996
Total Acid Number, mg KOH/g	ASTM D-664	1.57
Flash Point, COC, °C	ASTM D-92	274
Pour Point, °C	ASTM D-97	-42
4-Ball Wear,1200 rpm, 75°C, 40kg	ASTM D-4172	0.32
4-Ball Weld, kg	ASTM D-2783	200
Copper corrosion	ASTM D-130	1a
Steel corrosion, Sea water	ASTM D-665B	Pass
FZG A/8.3/90 , failure load stage	ISO 14635-1	14
Oxidation characteristics of extreme pressure lubricant, 121°C, 312 HRS, numbers of precipitation	ASTM 2893	0
Air release at 75°C (min)	ASTM D-3427	8.2

FOR MORE INFORMATION PLEASE REFER TO THE RELEVANT MATERIAL SAFETY DATA SHEET

REGISTRATIONS

ISO 9001 Registered Firm • www.qmsi.eu • QMS
ISO 21469 Registered Firm • www.qmsi.eu • QMS
NSF Nonfood Compounds Program Listed
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ANDEROL®
Specialty Lubricants
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