



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 |
|---|-------------|-----------------|
| 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



ANDEROL®
Specialty Lubricants

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