

ANDEROL 6220

H1 High Performance Food Grade Gear Lubricant

Product Data Sheet



ANDEROL 6220 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 6000 range is available in the grades ISO VG 150, 220, 320, 460 and 680.

ANDEROL 6220 is NSF/H1 and InS/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

ADVANTAGES / 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

^{*)} for Worm Gears **ANDEROL 7220 FG** is recommended.

PROPERTIES	TEST METHOD	ANDEROL 6220
Appearance @ 20°C	visual	Clear colorless to light yellow liquid
Viscosity @ 40°C, cSt	ASTM D-445	232.7
Viscosity @ 100°C, cSt	ASTM D-445	23.6
Viscosity Index	ASTM D-2270	126
Density @ 15°C, kg/l	ASTM D-1298	0.855
Total Acid Number, mg KOH/g	ASTM D-664	1.5
Flash Point, COC, °C	ASTM D-92	256
Pour Point, °C	ASTM D-97	-42
Demulsibility @ 82°C, min	ASTM D-1401	25
FZG Gear set, Pass Stage	DIN/ISO 14635-1	14
Four Ball Wear, 1200 rpm, 75°C, 40 kg	ASTM D-4172	0.37
Four Ball Weld, kg	ASTM D-2783	160

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

APPROVALS / REGISTRATIONS



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