



# PRODUCT DATA SHEET

## ANDEROL 6220 XL

### H1 High Performance Food Grade Gear Lubricant



#### 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
- Good detergency capacity, lubricity and film strength

#### 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.

ANDEROL 6220 XL is a next generation synthetic gear oil based on highly quality of PAO synthetic base fluids with a superior oxidative stability. This advanced formulation provides additional detergency properties preventing lacquer and varnish formation. Furthermore it provides a very good lubricity and film strength.

This product is designed to provide outstanding equipment protection, long oil life operation in the food, beverage processing and packaging industries and meets the lubrication requirements of gears running in these food processing plants.

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

PROPERTIES	TEST METHOD	ANDEROL 6220 XL
ISO VG	ASTM D-2422	220
Appearance @ 20°C	visual	Clear colorless to light yellow liquid
Viscosity @ 40°C, cSt	ASTM D-445	208.7
Viscosity @ 100°C, cSt	ASTM D-445	23.5
Viscosity Index	ASTM D-2270	139
Density @ 15°C, kg/l	ASTM D-1298	0.855
Total Acid Number, mg KOH/g	ASTM D-664	0.5
Flash Point, COC, °C	ASTM D-92	253
Pour Point, °C	ASTM D-97	-30
Demulsibility @ 82°C, min	ASTM D-1401	15
FZG Gear set, Pass Stage	DIN/ISO 14635-1	13
4-Ball Wear, 1200 rpm, 75°C, 40 kg	ASTM D-4172	0.37
4-Ball Weld, kg	ASTM D-2783	160
Copper corrosion	ASTM D-130	1a
Steel corrosion	ASTM D-665 A&B	Pass

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

#### REGISTRATIONS



**ANDEROL®**  
Specialty Lubricants

Groot Egtenrayseweg 23, 5928 PA Venlo, The Netherlands • Tel: +31 (0)77 3960340 • www.anderol-europe.com

This information is furnished without warranty, representation, inducement, or license of any kind except that it is accurate to the best of OUR knowledge or obtained from sources believed by ANDEROL® to be accurate. ANDEROL® does not assume any legal responsibility for use of reliance upon it. Only Chemists or chemically qualified lab technicians should carry out tests. Before using any chemicals, read its label and Material Safety Data Sheet.