



# PRODUCT DATA SHEET

## ANDEROL 6460 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 7460 FG is recommended.

ANDEROL 6460 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 6460 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 6460 XL
ISO VG	ASTM D-2422	460
Appearance @ 20°C	visual	Clear colorless to light yellow liquid
Viscosity @ 40°C, cSt	ASTM D-445	497.2
Viscosity @ 100°C, cSt	ASTM D-445	42.4
Viscosity Index	ASTM D-2270	139
Density @ 15°C, kg/l	ASTM D-1298	0.86
Total Acid Number, mg KOH/g	ASTM D-664	0.5
Flash Point, COC, °C	ASTM D-92	248
Pour Point, °C	ASTM D-97	-30
Demulsibility @ 82°C, min	ASTM D-1401	20
FZG Gear set, Pass Stage	DIN/ISO 14635-1	13
4-Ball Wear, 1200 rpm, 75°C, 40 kg	ASTM D-4172	0.31
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

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