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Series SGL-FG

Premium Synthetic Food Grade Gear Fluid

Series SGL-FG is a premium synthetic EP gear lubricant blended with an advanced-technology additive system. Only the finest food-grade synthetic base stocks and additives are used in this formulation. Series SGL-FG gives outstanding service — even in the most severe operating conditions — and is particularly well suited to applications in food plants where other food-grade lubricants have previously not performed well. It meets USDA H-1 requirements for incidental food contact and ISO 21469, and complies with requirements for FDA 21 CFR 178.3570.

ATTRIBUTES

- Excellent oxidation stability and film strength
- Very high viscosity index for better compressor protection at elevated temperatures
- Very high flash and auto-ignition points for added safety
- Low volatility
- Meets 21CFR178.3570 for H-1 lubricants
- Very long fluid life, allowing for extended oil-drain intervals
- Excellent carbon and varnish control to help reduce deposits
- Excellent rust and corrosion control

TYPICAL PROPERTIES

Lubrication Properties	SGL-FG-100	SGL-FG-150	SGL-FG-220	SGL-FG-320	SGL-FG-460
Viscosity Index	121	141	162	159	165
Viscosity cSt @40°C	102.0	134.0	211.1	304.1	420.0
Viscosity cSt @100°C	12.6	86.8	129	166	213
Flash Point °F	512	516	521	521	525
Auto-Ignition Point °F	793	799	801	805	812
Pour Point °F	-20	-18	-18	-16	-15
Copper Corrosion, 24 Hr	1a	1a	1a	1a	1a
Demulsibility, 55°C, 30 min	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0