

OMNILUBE® FGG 1000 Series FOOD GRADE SYNTHETIC GEAR LUBRICANTS



Applications:

The Omnilube FGG series are fully synthetic food grade gear oils that are formulated from premium polyalphaolefins (PAO) base fluids. These NSF approved food grade gear oils are engineered to provide superior lubrication protection and include an extra additive to improve gasket and seal characteristics.

Typical Industrial Applications:

- Bearings
- Gear Sets
- Worm Gears
- Chains
- Circulating Oil
- Meat Processing Plants
- Poultry Processing Plants
- Food Processing (H-1)

Performance Benefits:

- Very low pour point
- Wide operating temperature range
- Extended drain intervals / reduced oil disposal
- Excellent compatibility with elastomers, seals, plastics, and paints
- Complies with FDA 21 CFR 178.3570 H-1
- Deemed acceptable for use in Canada.

OMNILUBE®

TYPICAL PROPERTIES	TEST METHOD	Omnilube FGG 1100	Omnilube FGG 1150	Omnilube FGG 1220	Omnilube FGG 1320	Omnilube FGG 1460	Omnilube FGG 1680
ISO Grade	ASTM D2422	100	150	220	320	460	680
SAE Grade	SAE J-300	30	40	50	60	-	-
AGMA		3	4	5	6	7	8
Viscosity @ 40°C,cSt	ASTM D445	93.6	147	225.1	319	461	683
Viscosity @ 100°C,cSt	ASTM D445	12.9	17.6	23.4	30.5	39.1	52
Viscosity Index	ASTM D2270	136	132	128	132	130	130
Flash Point, °C/°F	ASTM D92	232/450	238/460	262/504	270/518	270/518	270/518
Pour Point, °C/°F	ASTM D97	-42/-44	-37/-35	-42/-44	-40/-40	-38/-36	-34/-29
Copper Corrosion	ASTM D130	1b	1b	1b	1b	1b	1b
Foaming Sequence I, II, III	ASTM D892	Nil	Nil	Nil	Nil	Nil	Nil
Specific Gravity	ASTM D1298	0.84	0.85	0.85	0.85	0.85	0.85

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HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at info@ultracheminc.com



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