

OMNILUBE® FGG 2000 Series

FOOD GRADE SYNTHETIC SEVERE LOAD GEAR LUBRICANTS



Applications:

The Omnilube FGG 2000 series are fully synthetic severe load food grade gear oils that are formulated from the highest quality polyalphaolefins (PAO) base fluids. These NSF approved H-1 severe load gear oils are engineered to provide significantly improved wear, oxidation and lubricity over currently available H-1 food grade gear oils. These premium severe load gear lubricants are designed with a proprietary additive package to give up to 50% longer life than other synthetic H-1 lubricants. The 2000 Series offers higher performance than the 1000 Series.

Typical Industrial Applications:

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

Performance Benefits:

- Increased oxidative stability
- Severe load anti-wear protection
- Wide operating temperature range, -40°F to 400°F
- Deemed acceptable for use in Canada
- Complies with FDA 21 CFR 178.3570 H-1

OMNILUBE®

TYPICAL PROPERTIES	TEST METHOD	Omnilube FGG 2100	Omnilube FGG 2150	Omnilube FGG 2220	Omnilube FGG 2320	Omnilube FGG 2460
ISO Grade	ASTM D2422	100	150	220	320	460
SAE Grade	SAE J-300	30	40	50	60	-
AGMA Lubricant Number	---	3 EP	4 EP	5 EP	6 EP	7 EP
Viscosity @ 40°C,cSt	ASTM D445	99	149	207	308	445
Viscosity @ 100°C,cSt	ASTM D445	13.2	17.6	22.2	29.2	37.5
Viscosity Index	ASTM D2270	132	129	129	129	127
Pour Point, °C/°F	ASTM D97	-42/-44	-37/-35	-35/-31	-33/-27	-27/-17
Flash Point, °C/°F	ASTM D92	232/450	238/460	262/504	270/518	270/518
Copper Corrosion	ASTM D130	1b	1b	1b	1b	1b
Foaming Sequence I, II, III	ASTM D892	Nil	Nil	Nil	Nil	Nil
Falex Pin & "V" Block	ASTM D3233B	2265	2265	2265	2265	2265
Four Ball Wear, 40 Kg., 1200rpm, 75°C, 1 hr., Scar Diameter, mm	ASTM D4172	0.40	0.40	0.40	0.40	0.41
Four Ball EP Weld Load, lb.	ASTM D2783	352	352	352	352	352
Timken OK Load	ASTM D2782	0.27	0.27	0.27	0.27	0.27
AGMA Lubricant Number	---	3 EP	4 EP	5 EP	6 EP	7 EP
Specific Gravity	ASTM D1298	0.84	0.84	0.87	0.85	0.85

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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