



OMNILUBE® PGG 150, 220, 320, 460 & 680 FG FOOD GRADE LUBRICANTS

Application:

Omnilube PGG 150, 220, 320, 460 AND 680 FG are high-temperature gear lubricants formulated from premium polyalkylene glycol (PAG)-based oils. 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 PAO and mineral-based gear oils. These premium severe load gear lubricants are designed for use in enclosed gears, bearings, and where conditions demand the unique properties of these fluids. They may also be used in gas compression applications utilizing reciprocation, rotary screw, and centrifugal type compressors in operating conditions beyond the capabilities of other synthetic lubricants and mineral oils.

Typical Industrial Applications:

- Enclosed gear units: sperm helical, bevel, and worm gears
- Plain and rolling contact bearings
- Compressors
- Chains
- Egg processing equipment
- Food processing (H-1)

Performance Benefits:

- Excellent oxidative and thermal stability
- Reduced sludge and deposit formation
- High flash point
- Wide operating temperature range
- Reduce friction
- Good wear protection
- Complies with FDA 21 CFR 178.3570 H-1

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TYPICAL PROPERTIES	TEST METHOD	Omnilube PGG 150 FG	Omnilube PGG 220 FG	Omnilube PGG 320 FG	Omnilube PGG 460 FG	Omnilube PGG 680 FG
Viscosity @ 40°C,cSt	ASTM D445	150	220	320	460	650
Viscosity @ 100°C,cSt	ASTM D445	28.99	36.8	53.8	77.3	128.5
Viscosity Index	ASTM D2270	234	218	233	248	299
Flash Point, °C/°F	ASTM D92	284/544	284/544	284/544	290/554	290/554
Pour Point, °C/°F	ASTM D97	-40/-40	-40/-40	-40/-40	-33/-36	-33/-36
SAE AIR 4978 FZG	---	>14	>14	>14	>14	>14
Specific Gravity	ASTM D1298	1.05	1.05	1.05	1.06	1.06

Caution: Not compatible with petroleum oils and synthetic hydrocarbons

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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