

OMNILUBE® FGC PG SERIES

HIGH-TEMPERATURE PAG CHAIN OILS

PRODUCT CODES: 130 PG, 220 PG

PRODUCT OVERVIEW

Omnilube® FGC 130 PG & 220 PG are biodegradable synthetic chain lubricants formulated from premium polyalkylene glycol (PAG)-based oils. These NSF approved premium lubricants are designed for use on chains where excellent thermal stability and reduced deposits formation is required. PAG-based lubricants exhibit improved load and wear properties, lubricity and cleanliness when compared to food grade H-1 white mineral oil or PAO solutions. The FGC PG series also exhibits low volatility, low smoking, and offers operability over a wide temperature range.

Omnilube FGC 130 PG-AW & 220 PG-AW are designed with enhanced high-temperature wear protection additives to offer the highest-level performance in demanding oven chain applications.

APPLICATION DETAIL

- High-temperature oven chains for food processing
- Gears
- Bearings
- Circulation systems
- Way oils
- Powder metal bearings

KEY BENEFITS

- Excellent oxidative and thermal stability for extended life
- Reduced sludge and deposit formation
- Good water and rust resistance
- High flash point
- Reduced energy costs from PAG formulation
- Complies with FDA 21 CFR 178.3570 H-1 for safe food plant operation

QUICK POINTS...

Name: *Omnilube FGC PG Series*

ISO Grade: *130, 220*

Base: *PAG*

Additive System: *AO/AW/EP/CI*

Color: *Pale Yellow*

Food Grade: *Yes*

GHS Class: *None*

Main Application: *Oven chains*

TYPICAL CHARACTERISTICS*

PROPERTY	ASTM METHOD	FGC 130 PG	FGC 130 PG-AW	FGC 220 PG	FGC 220 PG-AW
Viscosity @ 40°C,cSt	ASTM D445	130	130	224.3	224.3
Viscosity @ 100°C,cSt	ASTM D445	22	22	32.8	32.8
Viscosity Index	ASTM D2270	198	198	192	192
Flash Point, °C/°F	ASTM D92	290/560	290/560	282/540	282/540
Pour Point, °C/°F	ASTM D97	-39/-38	-39/-38	-29/-20	-29/-20
Specific Gravity	ASTM D4052	0.99	0.99	0.99	0.99

*Characteristics are typical of production. Slight variations in the actual data may occur which will not affect performance.

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RECOMMENDATIONS & APPROVALS



- OMNILUBE FGC 130 PG – NSF H1 137124
- OMNILUBE FGC 220 PG – NSF H1 137125
- Kosher (OU)
- Halal
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COMPATIBILITY NOTES

- Not compatible with mineral oils and most synthetic hydrocarbons (PAO)
- Compatible with most process gases
- Compatible with most common seal materials, plastics and paints

SHELF LIFE

- (5) years from date of manufacture when stored in unopened container
- Shelf life may be extended based upon fluid type and conditions

HEALTH & REGULATORY STATEMENTS

- Classified as non-hazardous per OSHA GHS
- TSE/BSE compliant: product does not contain any materials of animal origin or derivatives
- FALCPA compliant: product does not contain any allergens
- RoHS compliant: product does not contain any EU RoHS substances
- REACH compliant: product does not contain any SVHC substances
- Guidelines on safety and storage may be found on the associated Safety Data Sheet (SDS@ultracheminc.com)

PACKAGING AVAILABILITY

- 5-gallon pail (18.9 L)
- 55-gallon drum (208.2 L)
- 330-gallon tote (1249.2 L)
- (2) 2.5-gallon case (18.9 L)

Please contact your Ultrachem, Inc. representative for detailed information not covered in this data sheet.



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We therefore recommend you consult a FUCHS Lubricants Co. Application Engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our Product Information sheets at any time and without warning. With the publication of this Product Information sheet, all previous editions cease to be valid.

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