

Lubricants

Description

FG GEAR is a semi-synthetic fluid formulated using highly refined medical quality bases and innocuous additives which ensure the final product displays excellent performance at extreme pressure and is suitable for use in industrial gears. All of the substances used to formulate these lubricants are registered with the FOOD and DRUGS ADMINISTRATION (FDA).

This product is registered by the NSF as an H1 lubricant that may come into incidental contact with food products).

Main applications:

- Gears and transmissions in the crankcase.
- Bevel and helical gears.
- Bearings, chains, spindles, and any mechanism requiring EP additives to function.

Properties

- Excellent performance in load-bearing operations
- Excellent oxidative stability.
- Great anti-rust and anti-wear properties.
- Excellent anti-foaming properties.
- Very good response to mechanical and thermal shear



Technical specifications

	UNIT	METHOD	VALUE		
ISO grade			150	220	320
NSF registration no.			154737	154738	154739
Viscosity at 40°C	cSt	ASTM D445	135/165	198/242	288/352
Viscosity at 100°C	cSt	ASTM D2270	16.5	21.1	28
Viscosity index		ASTM D92	113	116	118
Pour point	°C	ASTM D97	-12	-12	-12
Flash point	°C	ASTM D130	253	254	256
Copper corrosion			1 a	1 a	1 a
FZG test		DIN 5134	>12	>12	>12
4 balls welding load (min)	Kg	ASTM 4172	160	160	160
Density at 20°C	g/cc		0.886	0.872	0.873

The above mentioned characteristics are typical values and should not be considered product specifications.

A safety information sheet is available on request.

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