



MAKER FG GEAR

Description

MAKER 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).

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
- MOAHs free (Mineral Oil Aromatic Hydrocarbon).

Main applications

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

Quality levels, approvals and recommendations

• NSF: H1* (ISO 150, ISO 220, ISO 320)

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE		
ISO Viscosity Grade			150	220	320
NSF registration number H1			154737	154738	154739
Viscosity at 40 °C	cSt	ASTM D445	150.1	227.3	323.5
Viscosity at 100 °C	cSt	ASTM D445	16.5	21.1	28
Viscosity index	-	ASTM D2270	113	116	118
Pour point	°C	ASTM D97	-12	-12	-12
Flash point, open cup	°C	ASTM D92	253	254	256
Copper corrosion		ASTM D130	1 a	1 a	1 a
FZG test (A/2, 8/50)		DIN 5134	>12	>12	>12
EP properties 4B,weld point	kg	ASTM D4172	160	160	160
Density at 15 °C	g/cm3	ASTM D4052	0.886	0.872	0.873

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

