



Food Grade



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).

Quality levels, approvals and recommendations

- Halal Certified*

- NSF H1*

*Formal approval



Safety data sheets are available at: <https://lubricants.repsol.com/en/>

Lubricant Technical File RP_7137L, RP_7137M, RP_7137N

March 2025



188687-SP-4202



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Technical specifications

	UNIT	METHOD	VALUE		
NSF registration number H1			154737	154738	154739
ISO Viscosity Grade			150	220	320
Density at 15 °C	g/cm3	ASTM D4052	0.886	0.872	0.873
Kinematic viscosity at 40 °C	cSt	ASTM D445	150,1	227,3	323,5
Kinematic viscosity at 100 °C	cSt	ASTM D445	16,5	21.1	28
Viscosity index	-	ASTM D2270	113	116	118
4 Ball EP, welding load	kg	ASTM D2783	160	160	160
Corrosion Cu, 3hrs 100 °C	-	ASTM D130	1 a	1 a	1 a
Flash point, open cup	°C	ASTM D92	253	254	256
FZG (A/2,8/50): Failure load stage	-	ISO 14635	>12	>12	>12
Pour point	°C	ASTM D97	-12	-12	-12

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



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