

ULTRASYNF FGT 150

SYNTHETIC FOOD GRADE H1 GEAR OIL

DESCRIPTION

Lubricant formulated with synthetic base (PAO) and additives approved by FDA (Food & Drug Administration), suitable for incidental contact with food.

APPLICATIONS

ULTRASYNF FGT 150 is specially recommended for extended lubrication in difficult operation conditions. Especially suitable for lubrication of all gear types in food industry machinery like filling and mixing machines, etc.

Thanks to its special formulation with FDA approved components, **ULTRASYNF FGT 150** can be used in mechanisms described above with potential contamination risk of edible product with the lubricant, in food, drink, pharmaceutical and cosmetic industries.

PROPERTIES

- High oxidation stability.
- It lubricates effectively the mechanisms in a wide temperature range.
- Excellent protection against corrosion and wear.
- Good demulsion capacity
- Neutral towards metallic material, including aluminium and copper alloys.
- It does not attack seals or pipes.

QUALITY LEVEL

- ISO 12925 – CKB, CKC, CKD
- DIN 51517 Parts 1, 2 and 3 – C, CL y CLP
- Suitable for incidental food contact – NSF H1 category. Register Nº 152773
- HALAL Register nº IH-682/2.4/B/76/3/30



TECHNICAL CHARACTERISTICS

	Units	Typical values	Method
Appearance	-	colorless, transparent	-
Density at 15 °C	gr/cm ³	0,842	ASTM D 4052
Viscosity at 40 °C	mm ² /s	146,7	ASTM D 7042
Viscosity at 100 °C	mm ² /s	19,77	ASTM D 7042
Viscosity Index	-	155	ASTM D 2270
Pour point	°C	-44	ASTM D 97
Flash point	°C	246	ASTM D 92
Wear scar, 4 ball test	mm	0,37	ASTM D-4172
Welding load, 4 ball test	kg	200	ASTM D 2783
FZG test (A/8,3/90)	-	9	ISO 14635-1
SRV Test			
300N, 1mm, 2h, 50°C, 50 Hz	-	0,11	DIN 51834
Average friction coefficient	μ	466	
Ball scar diameter			

The information provided in this document is based upon our best knowledge at the date of revision indicate, and is subject to changes without prior notice. Such information does not release the user from testing the product in their own application. The data indicated represent average values and do not constitute product specifications. For more information please contact COGELSA Technical Support. COGELSA is not liable for damages caused by improper use of the product.

ULTRASYNTH FGT 150

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HANDLING AND STORAGE

Handling not subject to special requirements. Throughout the lifespan of the product:

- Store separately from other lubricants, chemicals or foodstuffs.
- Protect from sunlight or other heat sources.
- Store at temperatures from 1°C up to +40°C.
- Keep container closed after opening.

The expiry date is 48 months from date of manufacture.

For further information and more product details, packaging and safety data sheets, please refer to our website www.cogelsa.com or contact us at: info@cogelsa.com or export@cogelsa.com

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COMPANIA GENERAL DE LUBRICANTES, S.A.
C/ Comercio, 36 P.I. Can Sunyer
08740 Sant Andreu de la Barca, Barcelona, Spain
Telf. +34 93 682 22 20 Fax. +34 93 682 00 55
comercial@cogelsa.com

Export:
Telf. +34 93 635 60 50
export@cogelsa.com
www.cogelsa.com

