



## GEAR OIL LO – FG



**GEAR OIL LO – FG** is a transparent, odorless semi-synthetic gear oil. NSF H1 registered for use where incidental food contact may occur. This oil is formulated with highly refined medicinal oils and special additives. It can be used to lubricate gears and gearboxes, conical and helical gears, bearing, chains, and general mechanisms requiring a high viscosity oil of ISO 220 or 460.

- NSF H1 Registered
- Good anti-corrosion properties
- High Viscosity index
- Low pour point
- Excellent material compatibility
- Good foam control characteristics
- High shear force stability

	<b>Gear Oil LO 220-FG</b>	<b>Gear Oil LO 460-FG</b>
ISO Grade	220	460
Density	0.87 g/ml	0.87 g/ml
Viscosity @ 40° C	195 – 245 cSt	415 – 510 cSt
Viscosity @ 100° C	21 cSt	38 cSt
Viscosity Index	116	121
Pour Point	Max.- 12° C	Max.- 18° C
Flash Point	Min. 230° C	Min. 230° C
Copper Corrosion	1a	1a
4-Ball test Welding Load	Min. 160 Kg	Min. 160 Kg
Wear 1h/40kg	0.6 mm	0.5 mm
FZG test A78.3/90		
Failure stage (*)	> 11	> 11
Oxidation test (ASTM D-2893-99)		
Viscosity change	< +1%	< +1%
Acid # change	+/- 2 %	+/- 2%
Colour change	None	None
Packaging	1 x 20 Ltr	1 x 20 Ltr
NSF H1 registration	143792	143791

(\*) Results based on additive manufacturer experience with similar packages. It is important to purge the system of the previous oil prior to charging with Ambersil Gear Oil LO – FG.

- To remove residues or excess product, use Ambersil Amberklene FG or Degreaser FG.

Based upon the present state of our knowledge and information received from our suppliers, evaluation of these products indicates that these are free from allergens and comply with EU-Directive 2000/13/EC and its amendments. Does not contain nut oil or derivatives.

## **STORAGE**

The product may be stored at normal ambient temperatures and has a shelf life of not less than 36 months with correct storage.

## **HEALTH AND SAFETY**

Health and Safety sheets available separately.

## **MISREPRESENTATION ACT 1967    TRADE DESCRIPTIONS ACT 1968**

The information given in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which affect the use and performance of our products and for which reason no warranty is given, express or implied. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

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