

# TECHNICAL DATA SHEET



**Product code:** see below table

**Sector:** Industrial  
Food Grade

**Issue No:** 3

**Issue Date:** 16/01/23

## MILLFOOD GEAR OIL

Food grade, fully synthetic gear oil with anti-wear, corrosion protection and demulsification properties.

### Application

Ideal for the lubrication of gearboxes in the food, drink, pharmaceutical and processing, packaging industries requiring food grade products.

### Features & Benefits

- High viscosity index provides consistent performance over a wide temperature range and results
- In extended service intervals.
- Tackiness additives ensure oil protects gear surfaces, even on start up.
- Demulsification properties ensure quick separation of water from oil.
- All ingredients are FDA listed; Millfood Gear Oil is NSF H1 registered.
- Contains no genetically modified ingredients and does not contain any nut oil or derivatives.

### Typical Characteristics

Millfood Gear Oil	150	320
Appearance	Clear adhesive fluid	
Base Fluid	Blend of synthetic oils	
Specific Gravity @ 15°C	0.870	0.870
Kinematic Viscosity @ 40°C	150 cSt	320 cSt
Pour Point (°C)	-36	-30
Flash Point (°C)	>250	>260
Temperature Range (°C)	-30 to +200	-30 to +240
Demulsibility (ASTM D1401) 30 min	40-40-0	40-40-0
Foaming (ASTM D892)	After Settling Sequence 1	After Settling Sequence 1
	After Settling Sequence 2	After Settling Sequence 2
	After Settling Sequence 3	After Settling Sequence 3
Copper Corrosion (ASTM D130)	1b	1b
FZG Gear Test Stage	12	12
Evaporation Loss 6.5 hrs @ 250°C, % Mass	5.0	4.0
NSF Registration Number	125901	125902
Product Code	5679	5680



**MADE IN BRITAIN**

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