

TECHNICAL DATA SHEET



Product code: see below table **Sector:** Industrial Food Grade **Issue No:** 4 **Issue Date:** 28/10/24

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	Nil
	After Settling Sequence 2	Nil
	After Settling Sequence 3	Nil
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

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