

TECHNICAL DATA SHEET



Product code: 5681 **Sector:** Industrial Food Grade **Issue No:** 4 **Issue Date:** 28/10/24

MILLFOOD 220 CHAIN & GEAR OIL

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

Application

Ideal for the lubrication of drive chains, conveyor chains, gearbox and reduction units used in the food, drink, pharmaceutical and processing, packaging industries requiring food grade products. For drive and conveyors chains apply sparingly by brush, can or automatic lube system.

Features & Benefits

- High viscosity index provides consistent performance over a wide temperature range and results
- In extended service intervals.
- All ingredients are FDA listed; Millfood 220 Chain & Gear is NSF H1 registered (125891).
- Contains no genetically modified ingredients and does not contain any nut oil or derivatives.

Chains:

- Penetrates to the links and pins reducing wear and extending chain life.
- Tackiness additives result in no-drip, no-fling formulation providing lasting lubrication.
- Excellent adhesive properties ensure a high degree of water resistance to prevent corrosion.

Gear boxes:

- Demulsification properties ensure quick separation of water from oil.
- Tackiness additives ensure oil protects gear surfaces, even on start up.

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Typical Characteristics

Appearance	Clear, adhesive fluid
Base Oil	Blend of synthetic oils
Specific Gravity @ 15°C	0.88
Kinematic Viscosity @ 40°C	220cSt
Pour Point (°C)	-36
Flash Point (°C)	>250
Temperature Range (°C)	-30 to +240
Demulsibility (ASTM D1401) 30 min	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
FZG Gear Test Stage	12
Evaporation Loss 6.5 hrs @ 250°C, % Mass	4

Technical & Health and Safety

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