

## FOODSAFE FULL SYNTHETIC GEAR OIL

Product Code: 68GO, 100GO, 150GO, 220GO, 320GO, 460GO, 680GO, 1000GO & 1500GO (20L & 200L)

**Foodsafe Full Synthetic Gear Oils** are a series of high-performance lubricants designed for multiple applications.

H1 registered and manufactured in an ISO 21469-certified production facility, this series is intended for use where incidental food contact may occur.

**Foodsafe Full Synthetic Gear Oils** are PAO-based, offering excellent anti-wear and extreme pressure additives designed for use in all types of gearboxes and reduction units, chains and conveyor belts in the food industry

### APPLICATION AREAS:

- ✓ Enclosed gearboxes – spur, bevel, and helical gears
- ✓ Chains, spindles, and circulating systems
- ✓ Hydraulic systems, hydraulic pumps, motors, actuators, and compressors depending on viscosity.

### BENEFITS:

- ✓ H1 registered for incidental food contact, providing safety in use
- ✓ Kosher and Halal certified
- ✓ Superior oxidation stability for extended life.
- ✓ Excellent load-carrying performance.
- ✓ Added additives to provide anti-wear protection.
- ✓ Demulsibility ensures total separation of water from oil.

### DIRECTIONS OF USE:

For gearboxes and reduction units, ensure that the gearbox manufacturer's lubricant rating corresponds to the ISO grade recommended. For optimum performance, drain the gearbox of the previous lubricant.

For drive and conveyor chains, apply sparingly with a brush or oil can as required. It can also be applied automatically using a central drip feed system.



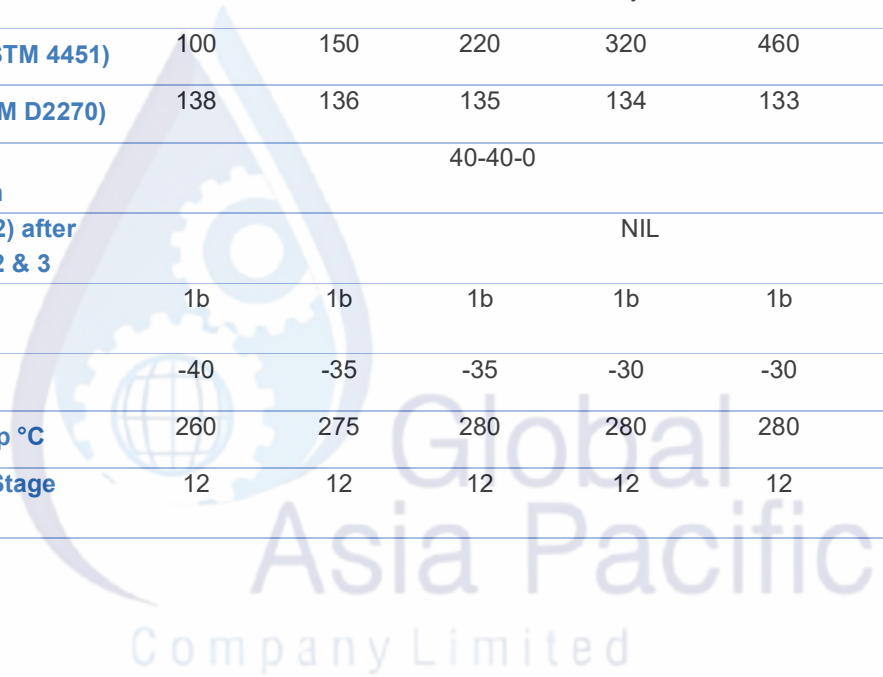
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Last Revised date: 22/01/2025

**TECHNICAL DATA**

ISO Grade	100	150	220	320	460	680	1000
Product code	100GO	150GO	220GO	320GO	460GO	680GO	1000GO
Appearance	Clear adhesive oil						
Base Fluid	Blend of Synthetic Oils						
Viscosity @ 40°C (ASTM 4451)	100	150	220	320	460	680	1000
Viscosity Index (ASTM D2270)	138	136	135	134	133	136	135
Demulsibility (ASTM D1404) 30 min	40-40-0			40-37-3			
Foaming (ASTM D892) after settling Sequence 1,2 & 3	NIL						
Copper corrosion (ASTM D130)	1b	1b	1b	1b	1b	1b	1b
Pour Point °C	-40	-35	-35	-30	-30	-30	-30
Flash Point Open Cup °C	260	275	280	280	280	280	280
FZG Gear test Load Stage (ASTM D5182)	12	12	12	12	12	12	12



All ingredients are FDA listed. Foodsafe Full Synthetic Gear Oils are NSF H1 registered. All products do not contain any genetically modified ingredients, nut oil or derivatives.

The content of this data sheet is and is given in good faith but without warranty.  
NSF registered, Kosher and Halal approved



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Data Sheets are updated frequently. Please ensure that you have a current copy. This Datasheet summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since the manufacturer/supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this Datasheet in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, which are available on request.