

## TECHNICAL DATA

# STELLA Gear Oil FG - GearGuard

ISO 100, ISO 150, ISO 220 Semi Synthetic Gear Oils



### Description

A range of Semi-Synthetic food grade gear oils particularly suited for the lubrication of gearboxes and reduction units. STELLA GearGuard contains special additives that extend re-lubrication intervals.

### Outstanding Features

- Very good oxidation stability which extends lubricant life;
- Unaffected by water – demulsibility ensures total separation of water from oil;
- Adhesive additives coat gears and provide anti-wear protection at start-up;
- Semi-Synthetic oil with above average Viscosity Index provides reduced viscosity change with temperature increase, compared to mineral oils.

### Directions for use

For gearboxes and reduction units – Ensure that the gearbox manufacturers' lubricant rating corresponds to using the ISO grade recommended. For optimum performance, drain gearbox of previous lubricant.

### Technical Data (typical values)

ISO	100	150	220
Appearance	Clear adhesive oil		
Base oil	Blend of synthetic & mineral oils		
Kinematic Viscosity (ASTM D445) @ 40°C cSt	101	149	218
Viscosity Index (ASTM D2270)	110	110	109
Demulsibility (ASTM D1401) 60/90 min.	40-40-0		
Foaming (ASTM D892) after settling			
Sequence 1	Nil	Nil	Nil
Sequence 2	Nil	Nil	Nil
Sequence 3	Nil	Nil	Nil
Copper corrosion (ASTM D130)	1b	1b	1b
FZG Gear Test Stage, Pass	12	12	12
Pour Point (ASTM D97) °C Min.	-18°C	-15°C	-15°C
Flash Point (COC) (ASTM D92) °C Min.	220	230	230

All ingredients are FDA listed. STELLA GearGuard oils meet the USDA 1998 H1 Guidelines.

These products do not contain genetically modified ingredients, nut oil or nut oil derivatives.

The content of this data sheet is given in good faith but without warranty (January 13).