

## TECHNICAL DATA

# STELLA Gear Oils FG

ISO 150, ISO 220, ISO 320, ISO 460, ISO 680, ISO 1000



### Description

STELLA Synthetic Gear Oils are a range of fully synthetic food grade gear oils particularly suited for the lubrication of gearboxes and reduction units. STELLA Gear Oils FG contain special additives that extend re-lubrication intervals. A full range of viscosities ensures the correct recommended ISO grade is used for each gearbox.

### Outstanding Features

- Extremely 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;
- Synthetic oil with high Viscosity Index ensures reduced viscosity change with temperature increase.

### Directions for use

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

### Technical Data (typical values)

ISO	150	220	320	460	680	1000
Appearance	Clear adhesive oil					
Base oil	Polyalphaolefin				Blend of synthetic oils	
Kinematic Viscosity (ASTM D445) @ 40°C cSt	149	218	322	458	678	998
Viscosity Index (ASTM D2270)	148	143	148	145	150	152
Demulsibility (ASTM D1401) 30 min.	40-40-0					
Foaming (ASTM D892) after settling						
Sequence 1	Nil	Nil	Nil	Nil	Nil	Nil
Sequence 2	Nil	Nil	Nil	Nil	Nil	Nil
Sequence 3	Nil	Nil	Nil	Nil	Nil	Nil
Copper corrosion (ASTM D130)	1b	1b	1b	1b	1b	1b
FZG Gear Test Stage	12	12	12	12	12	12
Pour Point °C Min.	-35	-35	-32	-30	-30	-30
Flash Point (COC) °C Min.	240	240	250	260	265	265

All ingredients are FDA listed. STELLA Gear Oils FG 150, 220 & 460 are NSF H1 registered and all grades 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 (October 12)