

## GEAR FG

Gear Oils



### DESCRIPTION

**GEAR FG** oils are semi-synthetic oils for the lubrication of reduction gears.

### RECOMMENDED APPLICATIONS

Lubrication of plain bearings and loaded enclosed gears in the food and beverage industry, and the Cosmetic and Pharmaceutical industries

Made from elements that are part of the Food and Drug Administration list.

### SPECIFICATIONS / APPROVALS

**GEAR FG** oils are NSF H1 certified. Registration numbers 139808 (FG 150), 139807 (FG 220), 139806 (FG 320), 139805 (FG 460), and 139804 (FG 680).

**GEAR FG 150** and **220** are Kosher and Halal certified.

**GEAR FG** oils meet the FDA - 21 CFR 178.3570 specifications and can be used in mechanical systems where a direct contact with the lubricant cannot be avoided.

### ADVANTAGES

- Oxidation stability .
- EP and anti-wear qualities.
- Excellent protection against corrosion.
- Neutrality in relation to seals.
- Excellent anti-foam properties.
- High Viscosity Index.
- Low Pour point.

### TECHNICAL INFORMATION

Characteristics	Standards	FG 150	FG 220	FG 320	FG 460	FG 680	Units
<b>Colour</b>	Visual	clear	clear	clear	clear	clear	
<b>Density at 15 °C</b>	NF EN ISO 12185	0.870	0.870	0.870	0.868	0.866	
<b>Viscosity at 40 °C</b>	NF T 60-100	150	220	320	460	680	cSt
<b>Viscosity at 100 °C</b>	NF T 60-100	20	24	40	55	65	cSt
<b>Viscosity Index</b>	NF T 60-136	> 140	> 140	> 140	> 140	> 140	
<b>Pour point</b>	NF T 60-105	-18	-22	-25	-25	-25	°C
<b>Flash point</b>	NF T 60-118	> 220	> 220	> 220	> 220	> 220	°C
<b>4-ball test weld load</b>	ASTM D 2596	200	200	200	250	250	kg
<b>4-ball test wear scar</b>	ISO 20623	0.32	0.32	0.32	0.30	0.30	mm

The specifications are given for information purposes only and may need to change.