

GEAR FG 680

Gear Oil

DESCRIPTION

GEAR FG 680 is a semi-synthetic oil for the lubrication of reduction gears.

APPLICATIONS

GEAR FG 680 is recommended for the lubrication of plain bearings and loaded enclosed gears in the food and beverage industry, and the Cosmetic and Pharmaceutical industries.

GEAR FG 680 is made from elements that are part of the Food and Drug Administration list.

GEAR FG 680 is NSF H1 certified. Registration number is 139804.

GEAR FG 680 meets 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

NAME	UNITS	METHOD	GEAR FG 680
Color	-	Visual	Clear
Density at 20°C (68°F)	-	ISO 12.185	0.866
Viscosity at 40°C (104°F)	cSt	NFT 60.100	680.0
Viscosity at 100°C (212°F)	cSt	NFT 60.100	65.0
Viscosity Index	-	NFT 60.136	>140
Flash point	°C	NFT 60.118	>220
Pour point	°C	NF T 60.105	-25.0
4 Ball test - Wear scar	mm	ISO 20.623	0.30
4 Ball test - Weld load	kg	ASTM D2596	250

These characteristics are given only for information and can be updated over time.

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.