



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 39804.

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

TECHNICAL CHARACTERISTICS	UNITS	METHOD	GEAR FG 680
Base oil	-		
Aspect	-		Clear
Color	-	Visual	Colourless
Density	-	ISO 12185	0,866
Viscosity at 40°C	cST	NF T 60.100	680.0
Viscosity at 100°C	cST	NF T 60.100	65.0
Viscosity index	-	NFT 60.136	140.0
Flash point	°C	NF T 60.118	220.0
Pour point	°C	NFT 60.105	-25.0
4 Ball test - Weld load	kg	ASTM D2596	250
4 Ball test - Wear scar	mm	ISO 20623	0,3

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.

Important Notice

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on www.motul.com.

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.