

# GEAR FG 320

Gear Oil

## DESCRIPTION

**GEAR FG 20** is a semi-synthetic oil for the lubrication of reduction gears.

## APPLICATIONS

**GEAR FG 320** 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 320** is made from elements that are part of the Food and Drug Administration list.

**GEAR FG 320** is NSF H1 certified. Registration number is 139806.

**GEAR FG 320** 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 320
Color	-	Visual	Clear
Density at 20°C (68°F)	-	ISO 12.185	0.870
Viscosity at 40°C (104°F)	cSt	NFT 60.100	320.0
Viscosity at 100°C (212°F)	cSt	NFT 60.100	40.0
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	0.32
4 Ball test - Weld load	kg	ASTM D2596	200

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.