

**GEAR FG 220**

NSF H1 Reduction Gear Oil

**SYNTHETIC BASE****DESCRIPTION**

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

**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** 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.

**BÉNÉFICES**

- 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

**PERFORMANCES**

Lubrication of loaded gears and bearings in the Food processing, Cosmetic and Pharmaceutical industries.

## TECHNICAL INFORMATION

NAME	METHOD	GEAR FG 220
Couleur	Visuel	Clair
Densité à 20°C (68°F)	ISO 12.185	0.867 kg/L
Viscosité à 40°C (104°F)	NFT 60.100	220,0 mm <sup>2</sup> /s
Viscosité à 100°C (212°F)	NFT 60.100	24,0 mm <sup>2</sup> /s
Index de viscosité	NFT 60.136	>140
Point éclair	NFT 60.118	>220 °C
Point d'écoulement	NF T 60.105	-22,0 °C
4 Ball test	ISO 20.623	0.32 mm Wear scar
4 Ball test	ASTM D2596	200 kg Weld load
FZG Load stage		

## 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.

## RECOMMENDATIONS

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.

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. The safety data sheet of this product is available at [www.motul.com](http://www.motul.com)