

GEAR FG



High Performance Lubrication

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.

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	150	220	320	460	680	Units	Standards
Colour	clear	clear	clear	clear	clear		Visual
Density at 15 °C	0.870	0.870	0.870	0.868	0.866	g/cm ³	NF EN ISO 12185
Viscosity at 40 °C	150	220	320	460	680	cSt	NF T 60-100
Viscosity at 100 °C	20	24	40	55	65	cSt	NF T 60-100
Viscosity Index	> 140	> 140	> 140	> 140	> 140		NF T 60-136
Pour point	-18	-22	-25	-25	-25	°C	NF T 60-105
Flash point	> 220	> 220	> 220	> 220	> 220	°C	NF T 60-118
FZG test	> 12	> 12	> 12	> 12	> 12	lbs	ASTM D 5182
4-ball test weld load	200	200	200	250	250	kg	ASTM D 2596
4-ball test wear scar	0.32	0.32	0.32	0.30	0.30	mm	ISO 20623

FIELD OF USE

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

SERVICE AND EQUIPMENT

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

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.

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