

GEAR FG 220

Gear Oil

DESCRIPTION

GEAR FG 220 is a semi-synthetic oil for the lubrication of reduction gears.

APPLICATIONS

GEAR FG 220 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 220 is made from elements that are part of the Food and Drug Administration list.

GEAR FG 220 is NSF H1 certified. Registration number is 139807.

GEAR FG 220 is Kosher and Halal certified.

GEAR FG 220 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 220 |
|----------------------------|-------|-------------|-------------|
| Color | - | Visual | Clear |
| Density at 20°C (68°F) | - | ISO 12.185 | 0.870 |
| Viscosity at 40°C (104°F) | cSt | NFT 60.100 | 220.0 |
| Viscosity at 100°C (212°F) | cSt | NFT 60.100 | 24.0 |
| Viscosity Index | - | NFT 60.136 | >140 |
| Flash point | °C | NFT 60.118 | >220 |
| Pour point | °C | NF T 60.105 | -22.0 |
| 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.