



FOOD SAFE H1 SYNTHETIC GEAR OIL

FS 320 GL



Product Overview

FS 320 GL is specially designed food safe synthetic gearbox oil for use on gears operating at elevated temperatures. Its excellent thermal stability and lubricity enables the use of minimal quantities, which in turn reduces the risk of carbon build up, gum and varnish deposits compared with mineral gear oils.

Excellent anti-corrosion properties protect the gears in hostile environments.

Typical Applications

- **Worm & Wheel Gear Boxes**
- **Lubrication of Chains, Slides and Pivots**
- **In Food, Beverage, Pharmaceutical Factories**

Features and Benefits

- Clean to use, no dark pigments
- Economical, high lubricity allows less frequent changes
- No carbon build up leaves gears free of damaging deposits
- Compatible, will not affect paint, phosphating processes or rubber seals
- Water Insoluble to prevent emulsification
- InS H1 Registered, made with FDA listed ingredients

Directions for Storage and Use

Product is to be stored in a clean, dry, storage area in its original sealed packaging.

Shelf Life (unopened) – 3 years approx

Do not mix with other lubricants if compatibility is not known, for best results purge system of other lubricants

Disclaimer

The data sheet is based on personal knowledge and experience and is given as a guideline to its possible uses. It does not take into account variables or conditions out of our control that can affect our product in any way. It is the users' sole responsibility to ensure that the product is suitable for the purpose for which it is being used and this data does not in any way form a warranty. If you are unsure of its suitability please contact us and we will be happy to discuss your needs and supply a sample for testing if required. New Tech Lubes Ltd is committed to supplying the best products and may therefore change the information in this specification at any time.

Available Sizes
5Ltr
25Ltr
205ltr

Available Grades
Also Available 160, 220, 460cst

Physical Characteristics	
Density @ 15°C	1.008
Viscosity @ 40°C	320 cSt
Viscosity @ 100°C	120 cSt
S.A.E. Rating	90
Flashpoint	>250°C
Rust Prevention Test (IP 135)	PASS
Distilled Water 24 hours	PASS
Sea Water 24 hours	PASS

Safety Data Sheets

Safety data sheets are available for download from our website, scan the QR code to take you to our website



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