

FOODLUBE® HI-TORQUE (with SUPS*)

October 2025

Food Grade, High Performance Synthetic Gearbox Fluid

Description:

ROCOL® FOODLUBE® Hi-Torque lubricants are a range of high performance synthetic, food-grade, gearbox lubricant fluids that increases intervals between fluid changes and provides excellent corrosion protection.

FOODLUBE® Hi-Torque lubricants are formulated with the unique *Start Up Protection System (SUPS) that protects on start up as well as during use.

FOODLUBE® Hi-Torque is available in viscosity grades: ISO VG 150, 220, 320 and 460.

FOODLUBE® Hi-Torque is non-toxic and contains only FDA listed ingredients.

Intended Use:

- Suitable for use in all gear boxes
- Food manufacturing equipment
- Equipment drive gear boxes
- Worm drive gears
- Conveyor drive gear boxes
- Clean industries

Product Features:

- **Temperature range -20°C to +150°C.**
- **320 / 460 grade can also be used for high temperature chains up to 180°C.**
- **Outstanding EP performance.**
- **Start Up Protection System (SUPS) reducing gear wear.**
- **Highly resistant to water wash off.**
- **Increased service intervals.**
- **Excellent corrosion protection.**
- **Excellent thermal stability resulting in extended relubrication intervals and a reduction in lubricant usage.**
- **Does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.**
- **HACCP Australia Pty Ltd endorsed.**
- **MPI Approved C15 (All animal products except dairy).**
- **NSF H1 Registered.**
- **ISO 21469**
- **Halal and Kosher Approved**
- **Vegan Society Certified**

Typical Physical Properties:

Appearance	Pale yellow, almost colourless fluid		
Base Type	Polyalphaolefin		
Viscosities	<u>40°C (cSt)</u>	<u>100°C (cSt)</u>	<u>VI</u>
FOODLUBE® Hi-Torque 150	150	17.7	130
FOODLUBE® Hi-Torque 220	220	24.9	138
FOODLUBE® Hi-Torque 320	320	29.9	143
FOODLUBE® Hi-Torque 460	460	38.5	131
Temperature Range	-20°C to +150°C		
FZG load stage A/8.3/90	12	IP 334- ASTM D5182	

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Technical Data Sheet

FAG FE8 rolling bearing test

DIN 51819-3, D7.5/80-80

Application Instructions:

For best results gear boxes should be drained of the previous lubricant prior to use. Additive packages are not required with FOODLUBE® Hi-Torque fluids due to their inherent EP Performance.

For food plant use only: do not add directly to foodstuff.

Use only the minimum quantity for required technical effect, however, equipment manufacturers recommended fluid levels should be maintained.

Storage:

Store in dry conditions between 1°C and 40°C, away from sources of heat and naked flames. Protect from frost. When stored in original sealed containers, the shelf life is three years from date of manufacture.

Warranty:

Rocol® will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

Disclaimer:

All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Polymers & Fluids and Rocol® makes no representations or warranties of any kind concerning this data.

Order Information:

	20Ltr
FOODLUBE® Hi-Torque 150	RY154257
FOODLUBE® Hi-Torque 220	RY155254
FOODLUBE® Hi-Torque 320	RY157654
FOODLUBE® Hi-Torque 460	RY157753

Health & Safety Information:

For Health & Safety information, refer to Safety Data Sheet available from ITW Polymers & Fluids upon request or available on our website www.rocol.com.au or www.rocol.co.nz

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