

FOODLUBE® Hi-Torque Range

High performance, food grade, synthetic gearbox fluids.
Viscosity grades: ISO VG 150, 220, 320, 460



Nonfood Compounds
H1 Registered
ISO 21469 Certified
NSF 537 PFAS-Free Certified

Description

FOODLUBE® Hi-Torque is a range of non-toxic high performance synthetic gearbox lubricants are supplied in viscosity grades: ISO VG 150, 220, 320 & 460.

The majority of wear in a gearbox occurs on start up and the high performance FOODLUBE Hi-Torque gear oils are reinforced with a unique Start Up Protection System (SUPS) that ensures the oil remains on the gear teeth even after prolonged shutdown. This ensures that the gears are immediately protected when the gearbox starts up without having to wait for the service lubricant to be picked up and splashed around inside the box.

Applications

- Enclosed gearboxes
- Chains

Features and Benefits

- FOODLUBE Hi-Torque gear oils offers excellent wide temperature resistance of -20°C to +150°C
- Suitable for all types of gear design within enclosed gearboxes
- Start Up Protection System (SUPS) reducing gear wear
- The range has outstanding EP performance up to FZG load stage 12
- A tenacious, EP film with excellent water wash off resistance and corrosion protection
- Excellent thermal stability resulting in extended relubrication intervals and a reduction in lubricant usage
- Foodlube Hi-Torque 320 & 460 are ideal for high temperature chains up to 180°C

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Usage Guidance

For optimum performance drain & flush prior to filling with FOODLUBE Hi-Torque oils.

After market additive packages are not required with FOODLUBE Hi-Torque oils due to their inherent EP Performance.

Storage Guidance

The storage temperature should be controlled between +1°C and +40°C.

Shelf life is 3 years from date of manufacture.

Approvals and Certifications

- NSF H1 registered
- ISO 21469
- NSF 537 - PFAS Free
- Halal approved
- Kosher approved
- Vegan Society Certified
- Manufactured from only FDA listed ingredients: FDA Group 21 CFR 178.3570
- Does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.

Pack Size Part Codes

Product	5 L	20 L	200L
FOODLUBE Hi-Torque 150	15426	15425	15429
FOODLUBE Hi-Torque 220	15526	15525	15529
FOODLUBE Hi-Torque 320	15766	15765	15769
FOODLUBE Hi-Torque 460	N/A	15775	15779



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Parameter	Test Method	Value		
Appearance	Visual	Pale yellow, almost colourless, liquid		
Base type	N/A	Polyalphaolefin		
Additives	N/A	SUPS		
Base fluid viscosity and VI;	IP71 - ASTM D445	40 °C	100 °C	VI
FOODLUBE HI-Torque 150		150 cSt	17.7 cSt	130
FOODLUBE HI-Torque 220		220 cSt	24.9 cSt	138
FOODLUBE HI-Torque 320		320 cSt	29.9 cSt	143
FOODLUBE Hi-Torque 460		460 cSt	38.5 cSt	131
Temperature range - standard	N/A	-20 °C to +150 °C		
FZG load stage A/8.3/90	IP 334 - ASTM D5182	12		
FAG FE8 rolling bearing test;	DIN 51819-3, D7.5/80-80			
Wear (element)		< 30 mg		
Wear (cage)		< 200 mg		
Anti-corrosion (steel)	DIN ISO 7120 (A)	No rust		

Safety Datasheets

These are available at <https://www.rocol.com/datasheets>. For further assistance, please contact us via the ROCOL website or using the details below.

Note

The information in this Technical Datasheet is informed by our experience and feedback from industry. There are many variables outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility. Values quoted are typical and do not constitute a specification.

If you'd like to discuss the suitability of any ROCOL solution for your system, please get in touch.

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