Technical Data

Performance you can trust

ISO 21469 Certified

FOODLUBE® Hi-Temp Grease 2

Food grade, high temperature, silicone grease, PTFE fortified

Product Overview

ROCOL® FOODLUBE Hi-Temp Grease 2 is a white, semi-translucent, non-toxic lubricant designed for the effective lubrication and protection of ball, roller and plain bearings, slides and bushes operating at high temperatures in food, pharmaceutical and other clean environments.

FOODLUBE Hi-Temp Grease 2 is a silicone grease fortified with PTFE that is ideal for slow moving bearings and slides. It has a high resistance to water wash off and attack from acids and alkalis such as fruit juices and caustic cleaners commonly found in food, pharmaceutical and other clean environments.

FOODLUBE Hi-Temp Grease 2 is ideal for the assembly and lubrication of most types of plastic and rubber (not silicone rubber).

Features and Benefits

- FOODLUBE Hi-Temp Grease 2 offers an excellent wide temperature resistance of -20°C to +200°C.
- It offers good anti wear performance and is highly resistant to water wash off.
- FOODLUBE Hi-Temp Grease 2 is ideal as a friction reducing lubricant due to the silicone base and PTFE additives.
- FOODLUBE Hi-Temp Grease 2 has outstanding oxidation stability resulting in an extremely long service life.
- FOODLUBE Hi-Temp Grease 2 is ideal for the lubrication of plastics and rubbers (not silicone).

Directions for Storage and Use

- FOODLUBE Hi-Temp Grease 2 can be applied manually, by grease gun, keg pump or by other methods suitable for an NLGI No. 2 silicone grease.
- **PLEASE NOTE: Silicone greases require a silicone grease gun which can be sourced from your local ROCOL distributor.**
- For best results it is recommended not to mix ROCOL FOODLUBE Hi-Temp Grease 2 with any other lubricant.
- Components should be cleaned with a suitable solvent such as ROCOL Industrial Cleaner Rapid Dry Spray prior to the application of FOODLUBE Hi-Temp Grease 2.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 3 years from date of manufacture.

Specifications

- FOODLUBE Hi-Temp Grease 2 does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- FOODLUBE Hi-Temp Grease 2 is manufactured from only FDA listed ingredients:
  - FDA Group 21 CFR 178.3570
- FOODLUBE Hi-Temp Grease 2 is NSF registered:
  - NSF H1 registered – 122065
- ISO 21469 certified

Pack Sizes

Pack Size	Part Code
380g	15251
4kg	15256
18kg	15254

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BS EN ISO 9001 Certificate No. FM 12448
BS EN ISO 14001 Certificate No. EMS 67596
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Property	Test Method	Result
Appearance	Visual	White, semi-translucent grease
NLGI No.	IP 50 – ASTM D217	2
Base Type	N/A	Silicone
Base Fluid Viscosity at 25°C	IP 71 – ASTM D445	1000cSt
Base Fluid Viscosity at 100°C	IP 71 – ASTM D445	300cSt
Thickener	N/A	Silica
Solids	N/A	PTFE
Temperature Range	N/A	-20°C to +200°C
4-Ball Weld Load	IP 239 – ASTM D2596	180kg
4-Ball Wear Load Index	IP 239 – ASTM D2596	25.5kg
Water Washout Test	IP 215 – ASTM D1264	<2%
Drop Point	IP 132 – ASTM D566	None

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.
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