

Performance you can trust



FOODLUBE® Endure 00



Food grade, high performance, EP lubricant fortified with PTFE

ISO 21469 Certified

Product Overview

ROCOL® FOODLUBE Endure 00 is a perfluoropolyether based lubricant which lengthens relubrication periods dramatically due to its ability to resist degradation in hostile conditions.

FOODLUBE Endure 00 is primarily designed for high temperature oven chains where a non-toxic, NSF H1 lubricant is required. It is also ideal for use in gearboxes, anti-friction and plain bearings, small gears, slides, pins, valves, plungers, screws etc.

FOODLUBE Endure 00 has extreme resistance against aggressive chemicals and strong oxidising agents make it a natural choice for use in the food, pharmaceutical and other clean industries.

Features and Benefits

- FOODLUBE Endure 00 has an excellent wide temperature range from -25°C to +280°C.
- FOODLUBE Endure 00 cartridge has metal detectable plastic components (end caps) capable of detection by most metal detection equipment.
- FOODLUBE Endure 00 has outstanding EP performance with a weld load of 500kg.
- FOODLUBE Endure 00 is a chemically inert, non-toxic lubricant with an extremely high oxidation and thermal resistance.
- The product has an exceptionally long service life providing excellent cost effectiveness from extended lubrication intervals, reduced downtime and reduced labour costs.
- FOODLUBE Endure 00 will have no detrimental effect on rubbers, plastics or metals.

Directions for Storage and Use

- FOODLUBE Endure 00 can be applied manually or by other methods suitable for dispensing semi-fluid, NLGI No. 00 lubricants.
- It is compatible with other perfluoropolyether greases. However, for best results it is recommended that the bearings should be purged of the previous lubricant prior to application.
- If the previous lubricant used was not perfluoropolyether based, it is important to ensure that the components are fully cleaned with a suitable solvent, for example ROCOL Industrial Cleaner Rapid Drying Spray, before lubricating with FOODLUBE Endure 00.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 5 years from date of manufacture.

Specifications

- FOODLUBE Endure 00 does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- FOODLUBE Endure 00 is manufactured from only FDA listed ingredients:
 - FDA Group 21 CFR 178.3570
- FOODLUBE Endure 00 is NSF registered:
 - NSF H1 registered – 123720
- ISO 21469 certified

Pack Sizes

Pack Size	Part Code
525g	15503

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Property	Test Method	Result
Appearance	Visual	Soft white lubricant
Base Type	N/A	Perfluoropolyether
Base Fluid Viscosity at 20°C	IP 71 – ASTM D445	1525cSt
Base Fluid Viscosity at 40°C	IP 71 – ASTM D445	420cSt
Base Fluid Viscosity at 100°C	IP 71 – ASTM D445	40cSt
Thickener	N/A	PTFE
Temperature Range	N/A	-25°C to +280°C
4-Ball Weld Load	IP 239 - ASTM D2596	500kg
4-Ball Wear Load Index	IP 239 - ASTM D2596	106kg
Specific Gravity	N/A	1.5
Solvent Resistance	N/A	Most solvents
Chemical Resistance	N/A	Most acids
Soluble in:	N/A	Fluorinated solvents

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

FOODLUBE Endure 00 is produced at a Halal Control Certified Site (Swillington UK) and is certified as Halal only where the Halal Control Logo is displayed on the product label (certificate registration number C-912-350-05-01/1).



Metal detectable caps to reduce potential contamination risk.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or contact ROCOL as below.

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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