

## FOODLUBE® Hi-Load SF

High performance food grade semi fluid EP grease



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

### Description

FOODLUBE Hi-Load SF is a beige, non-toxic semi-fluid lubricant.

FOODLUBE Hi-Load SF is an excellent all round semi-fluid grease offering very good pumpability, high load carrying capability, extreme water wash off resistance and good corrosion protection.

FOODLUBE Hi-Load SF is formulated for use in centralized / automated lubrication systems however it is suitable in many other applications.

### Applications

- Automatic lubrication systems
- Grease filled gearboxes
- High speed, high load gear boxes
- Bearings
- Seamers
- Augers
- Lubrication via a sump / reservoir

### Features and Benefits

- Offers an excellent wide temperature resistance of -20°C to +160°C.
- Exhibits excellent EP performance with a 4 ball weld load of 355 kg.
- Good pumpability and low solid content results in easily being pumped down narrow pipe work and over extended pipe length.
- Highly resistant to water wash off and offers excellent corrosion protection.
- Excellent oxidation stability resulting in extended re-lubrication intervals and a reduction in lubricant usage.

### Usage Guidance

FOODLUBE Hi-Load SF is designed for use with automatic lubrication systems. Can also be applied manually or by keg pump. Optimum size pipe work would be 6mm ID and 8mm OD.

FOODLUBE Hi-Load SF is compatible with other clay thickened greases. However, for best results the previous lubricant should be removed prior to application.

### 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 - 158496
- ISO 21469
- NSF 537 - PFAS Free
- Halal certified
- Kosher certified
- Vegan Society Certified
- ROCOL unique TPM number - 66
- 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 Sizes

Part Code	Pack Size
15966	4 kg
15964	18 kg

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**FOODLUBE Hi-Load SF**

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Parameter	Test Method	Value
Appearance	Visual	Beige semi-fluid grease
Worked penetration	IP 50 - ASTM D217	400 - 475
NLGI grade	NLGI spec	00 - 000
Base type	N/A	Polyalphaolefin
Base fluid viscosity at 40 °C	IP 71 - ASTM D445	275 cSt
Thickener	N/A	Organoclay
Temperature range	N/A	-20 °C to +160 °C
4-Ball weld load	IP 239 - ASTM D2596	355 kg
Copper corrosion test	IP 112 - ASTM D130	1b
Drop point	IP 132 - ASTM D566	None

**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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