

# Technical Data

## FOODLUBE® PREMIER 1

### Multipurpose, high performance food grade grease, EP1



Nonfood Compounds  
Program Listed: H1  
ISO 21469 Certified

#### Description

ROCOL® FOODLUBE Premier 1 is a soft, white, non-toxic grease containing PTFE for the effective lubrication and protection of ball, roller and plain bearings, slides and bushes particularly those operating in food, pharmaceutical and other clean environments.

FOODLUBE Premier 1 is an excellent all round NLGI No.1 grease offering excellent water wash off resistance and corrosion protection necessary for lubricants used in food, pharmaceutical and other clean environments.

#### Applications

- Ball Bearings
- Roller Bearings
- Plain Bearings
- Linear Bearings
- Slides
- Bushes
- Electric Motor Bearings
- Conveyors
- Bearings running at high speed

#### Approvals / Specifications

- Does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- Manufactured from only FDA listed ingredients:
  - FDA Group 21 CFR 178.3570
- NSF H1 registered – 141084
- ISO 21469
- Halal certified
- Kosher certified
- Rocol unique TPM number – 43

#### Features & Benefits

- Offers an excellent wide temperature resistance of -30°C to +180°C
- DETEX - Cartridge has metal detectable plastic components (end caps) capable of detection by most metal detection equipment.
- Excellent EP performance with a 4-ball weld load of 315 kg.
- Highly resistant to water wash off and offers excellent corrosion protection.
- Excellent oxidation stability resulting in extended relubrication intervals and a reduction in lubricant usage.
- Excellent pumpability

#### Directions For Use

FOODLUBE Premier 1 can be applied manually, by grease gun, keg pump or by other methods suitable for an NLGI No. 1 grease.

FOODLUBE Premier 1 is compatible with other soap thickened greases. However, for best results the previous lubricant should be removed prior to application.

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

Shelf life is 3 years from date of manufacture.

#### Further Information

For pack sizes, part codes and safety data sheets please visit [www.rocol.com](http://www.rocol.com) or get in touch with our customer service team who will be happy to help: [customer.service@rocol.com](mailto:customer.service@rocol.com)

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Property	Test Method	Result
Appearance	Visual	White tenacious grease
NLGI No.	IP 50 - ASTM D217	1
Base Type	N/A	Polyalphaolefin
Base Fluid Viscosity at 40°C	IP71-ASTM D445	150cSt
dmN Rating	N/A	450,000
Thickener	N/A	Complex soap
Solids	N/A	PTFE/White, non-toxic solids
Temperature Range	N/A	-30°C to +180°C
4-Ball Weld Load	IP239-ASTM D2596	315kg
SKF-ROF Bearing Life	N/A	1390 hours
Corrosion Test-Emcor	IP 220	0:0
Copper Corrosion Test	IP112-ASTM D130	1b
Water Washout Test	IP215-ASTM D1264	<2%

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

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T +44 (0) 113 232 2600 F +44 (0) 113 232 2740  
E [customer.service@rocol.com](mailto:customer.service@rocol.com) [www.rocol.com](http://www.rocol.com)

ROCOL House, Swillington, Leeds LS26 8BS

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