



Nonfood Compounds
H1

FOODLUBE® Unilube

Food grade, multipurpose, extreme pressure grease in automatic lubricator

Description

ROCOL FOODLUBE Unilube is a gas operated automatic lubricator containing the high performance FOODLUBE Premier 1 grease.

It is a soft, white, non-toxic grease designed for the effective lubrication and protection of ball, roller & plain bearings, slides and bushes, particularly those operating in food, pharmaceutical and other clean environments.

It is an excellent all round NLGI No.1 grease offering excellent water wash off and corrosion protections 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

Approvals / Specifications

- Doesn't 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 – 171928
- ROCOL Unique TPM Number – 43

T +44 (0) 113 232 2600

E customer.service@rocol.com

www.rocol.com

ROCOL A Division of ITW Limited

ROCOL House, Swillington, Leeds, LS26 8BS, UK

VAT Number: 742053167

Registered Company No: 00559693

Registered Office: Saxon House, 2-4 Victoria Street, Windsor, England, SL4 1EN

Features and Benefits

- Offers an excellent wide temperature resistance of -30 °C to +180 °C.
- 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.

Usage Guidance

- Prime the mounting point with FOODLUBE Premier 1 or FOODLUBE Unilube prior to fitting
- Screw the unit onto the ¼" BSP fitting attached to the lubrication point immediately

Storage Guidance

The storage temperature should be controlled between -30 °C to +180 °C.

Shelf life is 3 years from date of manufacture.

Pack Sizes

Part Code	Pack Size
13010	125 mL





Nonfood Compounds
H1

FOODLUBE® Unilube

Food grade, multipurpose, extreme pressure grease in automatic lubricator

Parameter	Test Method	Value
Appearance	Visual	White tenacious grease
NLGI No.	IP 50 - ASTM D217	1
Base Type	N/A	Polyalphaolefin
Base Fluid Viscosity at 40 °C	IP 71 - ASTM D445	150 cSt
Thickener	N/A	Complex soap
Solids	N/A	White, non-toxic solids
Temperature Range	N/A	-30 °C to +180 °C
Unilube Operating Range	N/A	-20 °C to +60 °C
4-Ball Weld Load	IP 239 - ASTM D2596	315 kg
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	IP 215 - ASTM D1264	<2 %
Maximum UNILUBE Diameter	N/A	58 mm
Maximum UNILUBE Length	N/A	117 mm

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.

T +44 (0) 113 232 2600
E customer.service@rocol.com

www.rocol.com

ROCOL A Division of ITW Limited
ROCOL House, Swillington, Leeds, LS26 8BS, UK
VAT Number: 742053167
Registered Company No: 00559693
Registered Office: Saxon House, 2-4 Victoria Street, Windsor, England, SL4 1EN



TECHNICAL DATA FOR ROCOL FOODLUBE UNILUBE SPECIFICATIONS

- Supplied fully assembled and ready to use - no separate tools required
- Charge the lubrication point and any remote piping with the same lubricant as supplied in the UNILUBE
- Rotate the top of the UNILUBE to the required monthly frequency
 - Then tightly screw the UNILUBE, by hand, into an R1/4 (¼ BSP) female connection
- Do not remove the UNILUBE from its connection point once activated as the unit will lose pressure and will have to re-pressurise once it has been reinstalled
- The unit can be mounted remotely up to 1 metre away (horizontal to, or above, application point) with 6mm bore (8mm O.D.) nylon airline tubing. Reduce tube length to 0.5 metre if pumping uphill
- The ROCOL UNILUBE is a gas generated, disposable, automatic lubricator o Gas is generated by a sodium azide-free battery
- Ingress protection to IP 68
- ROCOL UNILUBE fitting – R1/4 (¼ BSP) male
- Dispensing;
 - Variable from 1 – 12 months in monthly increments - Settings can be altered during dispensing period
 - The unit can be switched off during dispensing period
 - Capacity – 125 ml - Non-refillable
 - Approximate sizes - Maximum diameter – 58mm, Maximum length – 117mm
- UNILUBE operating temperature range -20 °C to +60 °C
 - Dispensing periods indicated at +20 °C unless otherwise specified
 - Higher temperatures can increase lubricant flow rate (reducing activator time setting)
 - Lower temperatures can reduce lubricant flow rate (increasing activator time setting)
- 5 bar maximum pressure at ROCOL UNILUBE outlet
- The ROCOL UNILUBE operates in any direction including fully submerged
- ATEX certified;

DEKRA 12 ATEX0006 X	IECEX DEK 11.0103X
II 1G Ex ia IIC T6	Ex ia IIC T6 Ga
II 1D Ex iaD 20 T85 °C	Ex ia IIIC T85 °C Da
I M1 Ex ia I	Ex ia I Ma

T +44 (0) 113 232 2600
E customer.service@rocol.com

www.rocol.com

ROCOL A Division of ITW Limited
ROCOL House, Swillington, Leeds, LS26 8BS, UK
VAT Number: 742053167
Registered Company No: 00559693
Registered Office: Saxon House, 2-4 Victoria Street, Windsor, England, SL4 1EN

