



Nonfood Compounds
H1

FOODLUBE® Chain Fluid Unilube

Food grade, multipurpose, chain & conveyor lubricant in automatic lubricator

Description

ROCOL FOODLUBE Chain Fluid Unilube is a gas operated automatic lubricator containing the high performance FOODLUBE Chain Fluid.

FOODLUBE Chain Fluid is a non-toxic, water-resistant lubricant designed primarily for the effective lubrication of all types of chains & conveyors operating in food, pharmaceutical and other clean environments.

FOODLUBE Chain Fluid is an excellent all round lubricating fluid containing additives to boost performance and improve adhesion. It also offers excellent water wash off resistance and corrosion protection necessary for lubricants used in food, pharmaceutical and other clean environments.

Features and Benefits

- Offers an excellent wide temperature resistance of -20 °C to +150 °C (+180 °C for short periods)
- Exhibits good penetration and load carrying properties ensuring that the product lubricates and protects inside rollers, links, pins etc.
- Highly adhesive providing excellent water wash off resistance and corrosion protection
- Excellent oxidation stability resulting in extended relubrication intervals and reduction in lubricant usage.

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 – 171929

Usage Guidance

- FOODLUBE Chain Fluid is fitted with an integral oil retaining valve to prevent the fluid draining out of the unit prematurely.
- Prime the mounting point with FOODLUBE chain Fluid prior to fitting
- Set the correct timing and when the unit is ready press the SET button on the top as explained later in this document
- Screw the unit onto the ¼" BSP fitting attached to the lubrication point immediately

Storage Guidance

The storage temperature should be controlled between 0 °C to +40 °C.
Shelf life is 3 years from date of manufacture.

Pack Sizes

Part Code	Pack Size
13011	125 mL

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www.rocol.com

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





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Food grade, multipurpose, extreme pressure grease in automatic lubricator

Parameter	Test Method	Value
Appearance	Visual	Pale yellow, almost colourless, liquid
Base Type	N/A	Polyalphaolefin
Base Fluid Viscosity at 40 °C	IP 71 – ASTM D445	150 cSt
Temperature Range (Continuous)	N/A	-20 °C to +150 °C
Temperature Range (Short Periods)	N/A	Up to +180 °C
Unilube Operating Range	N/A	-20 °C to +60 °C
Maximum AUTOLUBE Diameter	N/A	58 mm
Maximum AUTOLUBE 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.

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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 (1/4 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
 - Gas is generated by a sodium azide-free battery
- Ingress protection to IP 68
- ROCOL UNILUBE fitting – R1/4 (1/4 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

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