

Technical Data



Performance you can trust



FOODLUBE® Chain Fluid UNILUBE

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

Product Overview

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

ROCOL 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.

ROCOL 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

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

T +44 (0) 113 232 2600

F +44 (0) 113 232 2740

E customer-service@rocol.com

www.rocol.com

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67

Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

Directions for Storage and Use

- The FOODLUBE Chain Fluid UNILUBE 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 the FOODLUBE Chain Fluid UNILUBE.
- Screw the unit into a 1/4" BSP female fitting attached to the lubrication point.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 3 years from date of manufacture.

Specifications

- FOODLUBE Chain Fluid does not contain: mineral hydrocarbons, animal derived materials, nut oils or genetically modified ingredients.
- FOODLUBE Chain Fluid is manufactured from only FDA listed ingredients: FDA Group 21 CFR 178.3570
- NSF registered: NSF H1 registered – 122069
- Halal certified
- Kosher certified

Pack Sizes

Pack Size	Part Code
125ml	13011

ROCOL A division of **ITW** Ltd



FM 12448



EMS 67596



OHS 78173



Technical Data



Performance you can trust



FOODLUBE® Chain Fluid UNILUBE

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

Property	Test Method	Result
Appearance	Visual	Pale yellow, almost colourless, liquid
NLGI No.	IP 50 – ASTM D217	2
Base Type	N/A	Polyalphaolefin
Base Fluid Viscosity at 40°C	IP71 – ASTM D445	150cSt
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 UNILUBE Diameter	N/A	58mm
Maximum UNILUBE Length	N/A	117mm

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

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

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. Issue: 5 Date: 10-17

T +44 (0) 113 232 2600
F +44 (0) 113 232 2740
E customer-service@rocol.com
www.rocol.com
ROCOL House, Swillington, Leeds LS26 8BS
Registered Company No. 559693 VAT No. 742 0531 67
Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

ROCOL A division of **ITW** Ltd



Technical Data



Performance you can trust

TECHNICAL DATA - RCOL 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 RCOL UNILUBE is a gas generated, disposable, automatic lubricator
 - Gas is generated by a sodium azide-free battery
- Ingress protection to IP 68
- RCOL 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 RCOL UNILUBE outlet
- The RCOL UNILUBE operates in any direction including fully submerged
- ATEX certified:

DEKRA 12 ATEX0006 X

II 1G Ex ia IIC T6

II 1D Ex iaD 20 T85°C

I M1 Ex ia I

IECEx DEK 11.0103X

Ex ia IIC T6 Ga

Ex ia IIIC T85 °C Da

Ex ia I Ma

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. Issue: 5 Date: 10-17

T +44 (0) 113 232 2600

F +44 (0) 113 232 2740

E customer-service@rocol.com

www.rocol.com

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67

Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

ROCOL A division of **ITW** Ltd

