



Nonfood Compounds
H1

FOODLUBE® Autolube

Food grade, multipurpose, extreme pressure grease in automatic lubricator

Description

ROCOL FOODLUBE Autolube is an electromechanically 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 a food, pharmaceutical and other clean environments.

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

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 – 171927
- ROCOL Unique TPM Number – 43

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 Autolube 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 1/4" 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
15220	120 mL refill
15224	120 mL full unit

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





Nonfood Compounds
H1

FOODLUBE® Autolube

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
Autolube Operating Range	N/A	-10 °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 AUTOLUBE Diameter	N/A	75 mm
Maximum AUTOLUBE Length	N/A	178 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 AUTOLUBE

SETTING THE DISPENSING PERIOD

A simple calculation can aid selection:

Select a factor considering any adverse conditions ie... Dust, water, loading, vibration etc...

SEVERITY OF OPERATING CONDITIONS	FACTOR
MEDIUM	10
HEAVY	15
VERY HEAVY	20

Add the factor to the bore of the bearing (in millimetres) ie. 15 + 25mm bore = 40

Read the lubrication interval from the chart below:

SUM OF BEARING BORE IN mm PLUS OPERATING CONDITION FACTOR	LUBRICATION INTERVAL FOODLUBE Autolube
< 50	12 months
50 - 70	6 months
70 - 100	3 months
100 - 135	1 month
> 135	Consult ROCOL

ADDITIONAL INFORMATION:

FOODLUBE settings (months)	1	3	6	12
ml/day dispensed	4.00	1.33	0.67	0.33
Approx. hours between 0.56 ml shots	3.5	10	20	40

N.B. A standard grease gun dispenses approx. 1gm (1ml) per shot. (Volume-approx. 1 cm³)

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 7 10-17

T +44 (0) 113 232 2600

E customer.service@rocol.com

www.rocol.com

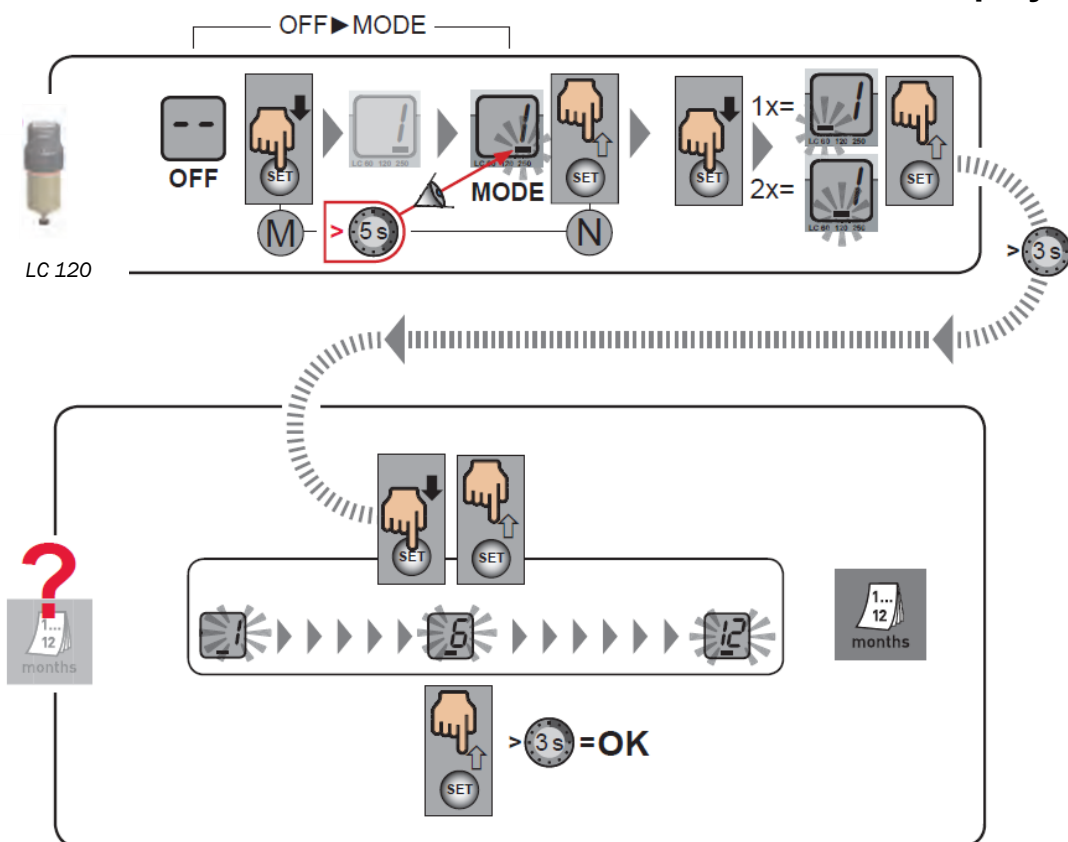


ROCOL A Division of ITW Limited
 ROCOL House, Swillington, Leeds, LS26 8BS, UK
 VAT Number: 742053167
 Registered Company No: 00559693
 Registered Office: Saxon House, 2-4 Victoria Street, Windsor, England, SL4 1EN

OPERATING INSTRUCTIONS



Display: --



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



ISO 9001
Quality
Management
Systems
CERTIFIED

AS/EN
9100
Aviation Space and
Defence
CERTIFIED

ISO 14001
Environmental
Management

CERTIFIED

ISO/IEC
27001
Information Security
Management
CERTIFIED

ISO 45001
Occupational
Health and Safety
Management
CERTIFIED

TECHNICAL DATA FOR ROCOL FOODLUBE AUTOLUBE SPECIFICATIONS

- The ROCOL FOODLUBE Autolube is an electromechanical, reusable, automatic lubricator
- Autolube mounting is an R1/4 (¼ BSP) male thread
- Dispensing – 0.56 ml each operating cycle
- Capacity – 120 ml per cartridge
- Temperature range of the Autolube unit is -10°C to +60°C with a constant discharge pressure
- Pressure build-up to 6 bar allows remote mounting with 6mm bore nylon tubing up to 3 mtr away
- The ROCOL FOODLUBE Autolube is manufactured to IP65 (Not for submerged applications)
- The ROCOL FOODLUBE Autolube is not classified as intrinsically safe
- All around visible LED lights signal functions and errors
- The unit can be switched off
- Drive unit can be reused – Replacement cartridges are supplied with new batteries

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

