

CHARACTERISTICS

- **Compatible Lubricants:**
Greases (to NLGI #2)
- **Max. pressure:**
73 psi (5 bar)
- **Capacity:**
120cc (4 oz)
- **Operating temperatures:**
-20°C to 60°C (-4°F to 140°F)
- **Pressure Relief Valve:**
Releases grease to atmosphere over 5 bar

APPLICATIONS

- Agricultural
- Equipment
- Handling
- General mechanical devices
- Low-power
- Electric motors, etc.
- Heavy industry
- Textile machines

MONO POINT LUBRICATOR: SIMPLE, ROBUST, RELIABLE

The **MONO point lubricator** can be used in all types of applications with ambient temperatures from **-20°C to 60°C**. Depending on operating conditions, a **lubricant volume of 120 cm³** is used up in 1, 2, 3, 4, 6, 8 or 12 months.

Reliable function is based on an **electrochemical reaction**. The activator is screwed into the lubrication system until the eyelet comes off.

MONO is activated by simply turning the activation cap – no separate activator is required. The contained gas generator builds up a pressure of max. 5 bar, which moves the piston forward and transports lubricant into the lubrication point.



TECHNICAL INFORMATION

Housing Design	Plastic Body and Thread
Dimensions	74mm x 120mm (2 3/4" x 5")
Capacity	120cc (4 oz)
Drive	Electrochemical
Electrolyte Liquid	Mildly Acidic Organic Acid
Temperature Range:	-20°C to 60°C (-4°F to 140°F)
Max Pressure Build-Up:	73 psi (5 bar)
Installation Thread	1 /4 BSPT (Adapters Available)
Discharge Period	1, 2, 3, 4, 6, 8, or 12 months
Compatible Lubricants	Greases (to NLGI #2)

ORDERING INFORMATION:

K001000	MONO POINT LUBRICATOR
K001000-20	BOX 20 MONO POINT LUBRICATOR
K001000-100	BOX 100 MONO POINT LUBRICATOR
K001000-500	BOX 500 MONO POINT LUBRICATOR

PRODUCT FEATURES

Submersible

Suitable for use in high moisture environments. Can even be used under water.

Rust, Dent & Corrosion Proof Construction

All plastic body. No metal components to rust or corrode.

Safe for Hazardous & EX Environments

No electrical components means it can be used safely in explosion-prone areas.

Built-In Programming Mechanism

All programming is done using the integrated dial. No screws or wrenches to lose or replace.

Integrated Blocked-Line Indicator

Integrated pressure relief vent provides visual evidence of service interruption.

Visible Lubricant Level

Immediately shows how much lubricant is remaining in the lubricator. No guessing.

7 Available Dispense Rates

More lube rate options equals more flexibility to meet your lubrication needs.

Grease	NLGI	THICKENER	TEMPERATURE RANGE	VISCOSITY Cst. @ 40°C	APPLICATIONS						
					ROLLER BEARINGS	PLAIN BEARINGS/SLIDES	LINEAR GUIDES	GEARS	SPINDLES/LEAD SCREWS	SHAFT SEALS	CHAINS
Multi-purpose 2 Code:	2	Calcium Sulphonate Complex	-25°C to 163°C	73	✓	✓	•	•	✓	✓	•
OTHER GREASES AVAILABLE ON REQUEST											

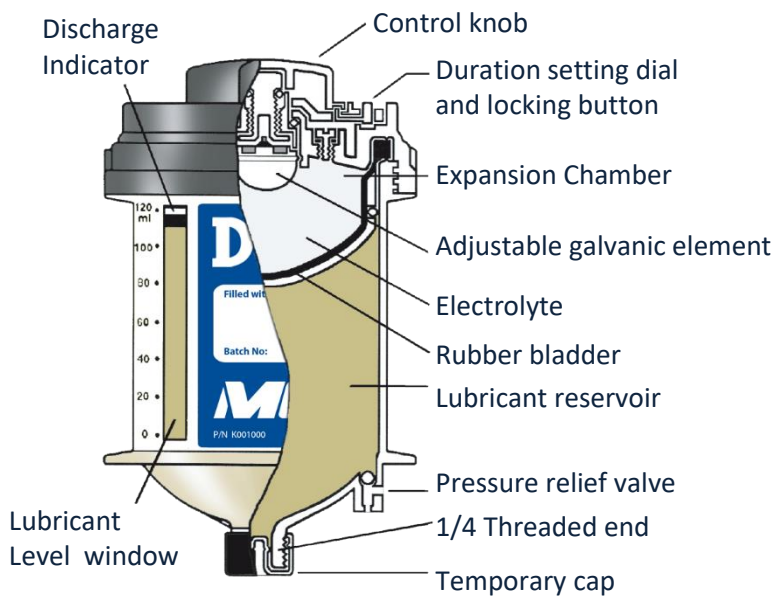
KEY	MEANING
✓	Recommended
•	Possible

MONO TEMPERATURE

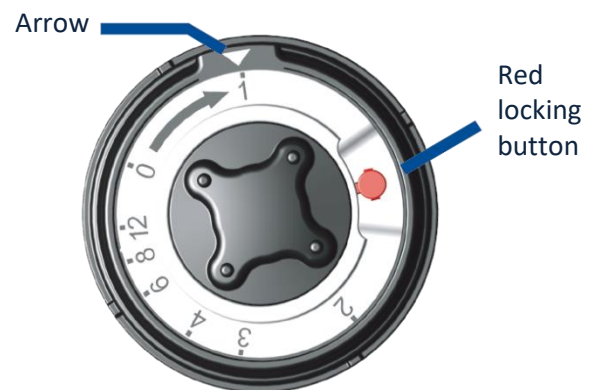
Dial Setting	Average ambient temperature of the DropsA MONO (NOT the temperature at the bearing)					
	-10°C	0°C	+10°C	+20°C	+30°C	+40°C
1	0.5 ml daily for 8 months	1 ml daily for 4 months	2 ml daily for 2 months	4 ml daily for 1 month	8 ml daily for 0.5 months	
2	0.25 ml daily for 16 months	0.5 ml daily for 8 months	1 ml daily for 4 months	2 ml daily for 2 months	4 ml daily for 1 month	6 ml daily for 0.7 months
3	0.2 ml daily for 24 months	0.3 ml daily for 12 months	0.7 ml daily for 6 months	1.3 ml daily for 3 months	2.7 ml daily for 1.5 months	4 ml daily for 1 month
4		0.25 ml daily for 16 months	0.5 ml daily for 8 months	1 ml daily for 4 months	2 ml daily for 2 months	3 ml daily for 1.3 months
6		0.2 ml daily for 24 months	0.3 ml daily for 12 months	0.7 ml daily for 6 months	1.3 ml daily for 3 months	2 ml daily for 2 months
8			0.25 ml daily for 16 months	0.5 ml daily for 8 months	1 ml daily for 4 months	1.5 ml daily for 2.7 months
12			0.2 ml daily for 24 months	0.3 ml daily for 12 months	0.7 ml daily for 6 months	1 ml daily for 4 months
	+14°F	+32°F	+50°F	+68°F	+86°F	+104°F

MONO

SIDE VIEW



TOP VIEW



INSTRUCTIONS

Rotate the control dial to the required position. The number represents the duration of month(s), at 20°C, that the MONO lubricator will discharge the 120ML lubricant. Choose between 1,2,3,4,6,8,10,12 months. Once the number is in line with the white arrow, press down firmly the red activation button. Then you MUST activate the MONO by turning the black control knob clockwise 5 FULL TURNS. Ensure to mark the date of when to replace the lubricator. For more instructions or flowrates at different temperatures please consult our website.

ACCESSORIES AND FITTINGS FOR THE MONO

GENERAL FITTINGS



0096135
UNION ¼BSP/F/P:
¼BSP/F/P



0102621
UNION ¼BSP/M/P:
¼BSP/M/P



0911007
BEND 90°
¼BSP/F/P: BSP/M/T



0914007
BEND 45°
¼BSP/F/P: BSP/M/T



K001053
NON RETURN VALVE FOR OIL
¼BSP/F/P: ¼BSP/M/T

ADAPTORS



3077100
¼BSP/F/P: 1/8
BSP/M/P



910014
¼BSP/F/P: 3/8
BSP/M/T



K001001
¼BSP/F/P: ¼-28
UNF/M/T



K001002
¼BSP/F/P: M10



K001003
¼BSP/F/P: M6



K001004
¼BSP/F/P: M8

RIGID EXTENSION TUBES



K001005 50 mm ¼BSP/M/T:¼BSP/M/T
K001006 100 mm ¼BSP/M/T:¼BSP/M/T
K001007 150 mm ¼BSP/M/T:¼BSP/M/T

MOUNTING BRACKETS



K001008
Plastic Click-fit
Bracket



K001009
Stainless steel
Bracket

FLEXIBLE EXTENSION TUBING



5717302
NYLON EXTENSION TUBING
Flexible - for use only up to
80°C - 8 mm od/6 mm id

FLEXIBLE TUBING COUPLINGS



3084675
¼BSP/M/T: 8 mm od



K001010
¼BSP/F/P: 8 mm od



3084574
90° bend
¼BSP/F/P: 8 mm od

BRUSH FITMENTS



2049009
1/8BSP/F/P bristles
35 mm long 17 mm Ø
overall length 60 mm



2037165
1/8BSP/F/P bristles
30 mm long , 57 mm wide
overall height 50 mm



K001011
¼BSP/F/P bristles
40 mm long 20 mm Ø
overall length 70 mm



K001012
¼BSP/F/P bristles 20 mm long
Overall width 32 mm, length
100mm, depth 48 mm