

## 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 cm<sup>3</sup>** 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

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

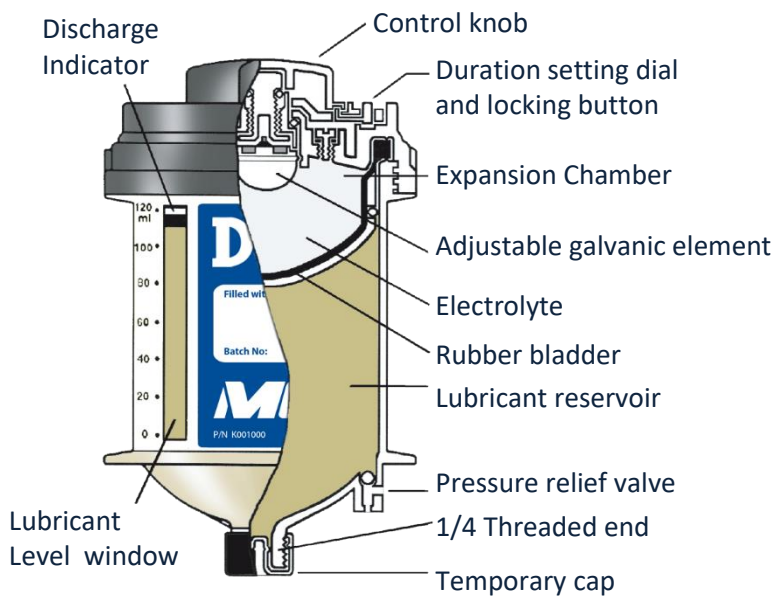
KEY	MEANING
✓	Recommended
•	Possible

## MONO TEMPERATURE

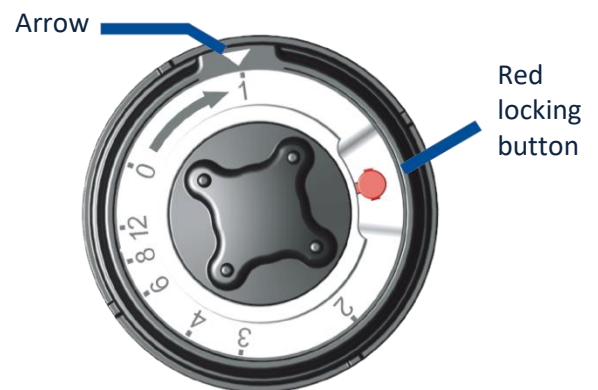
Dial Setting	Average ambient temperature of the DropsA MONO (NOT the temperature at the bearing)					
	-10°C	0°C	+10°C	+20°C	+30°C	+40°C
1	0.5 ml daily for 8 months	1 ml daily for 4 months	2 ml daily for 2 months	<b>4 ml daily for 1 month</b>	8 ml daily for 0.5 months	
2	0.25 ml daily for 16 months	0.5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

# 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