

# perma CLASSIC

The world's most robust lubricator



## Simple, robust, reliable

By tightening the activating screw the gas generator drops into the electrolyte fluid where it starts an electrochemical reaction that generates gas. The accumulation of gas forces the piston forward in a controlled manner, gradually expelling the lubricant under pressure. The lubricant is continuously injected into the lubrication point. The lubricant cartridge is empty when the piston has reached then end of its allowable travel and becomes visible at the end of the clear cone.

The lubrication period is determined by colour-coded activator screws (type 1, type 3, type 6, or type 12) and the average ambient temperature.

**perma**<sup>®</sup>

# Application



perma CLASSIC is a single-point lubricator which is suited to a broad range of bearing and chain applications. perma CLASSIC is particularly well suited to low to medium speed bearings in harsh operating environments. For example, the steel body and flexible base make the perma CLASSIC ideal for conveyor pulley bearing lubrication in arduous operating environments such as can be found in the mining and quarrying industries.



Single Point  
Lubrication Systems

## Characteristics

- Metal housing with flexible base which can withstand impacts and knocks
- Transparent base reveals red lubricant piston to indicate when lubricator is empty
- Colour coded system to identify time setting
- Quick Start technology
- Dust and water proof and able to operate in any orientation
- No electrical components or batteries
- Lubricates a single point with greases up to NLGI 2 or oils

## Benefits

### Simple conversion from manual to automatic lubrication

- Simple and low cost to implement to provide a no-fuss solution
- Can withstand knocks and impacts to provide reliable lubrication under the harshest conditions without the need for protection

### Extends Equipment Service Life

- Lubricates equipment while it is running to provide optimal lubricant exchange
- Delivers gradual purge of fresh grease to labyrinth and taconite seals to prevent the ingress of contaminants

### Safer lubrication option compared to manual greasing

- Reduces manual work load by automating an otherwise laborious manual process
- Continues to lubricate without the need for equipment shutdown and isolation
- Provides the option for conservative remote mounting, up to 1 meter from the lubrication point

## Technical data

Housing  
**Metal**

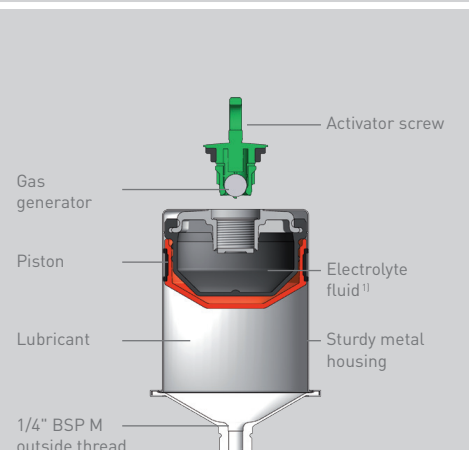
Drive  
**Electrochemical reaction**

Discharge period at +20 °C with SF01  
**1, 3, 6 or 12 months**

Lubricant volume  
**120 cm<sup>3</sup>**

Operating temperature  
**0 °C to +40 °C**

Remote installations  
**1 meter of 3/8" ID line (grease)**



<sup>1)</sup> environmentally friendly citric acid

### Discharge period in months:

Time between activation and first discharge: **1 day**

	1	3	6	12
120 cm <sup>3</sup>				
Time period*	1	3	6	12
cc per day	4	1.4	0.7	0.3

\* Grease discharge rates are temperature dependent