

perma FUTURA

Transparent housing with intergrated support flange

NEW



For high corrosion, high humidity and high contamination environments

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 progression of the piston can be observed through the transparent body of the lubricator.

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[®]

Application



perma FUTURA is a single-point lubricator which is suited to a range of rolling element and plane bearing applications. perma FUTURA is particularly well suited to low to medium speed bearings in wet operating environments. The transparent body of the perma FUTURA allows inspection of the piston position while the integrated support flange provides protection against damage in the event of accidental impacts.



Characteristics

- Transparent housing allowing inspection of the lubricant piston position
- Integrated support flange to protect against accidental damage
- Colour coded system to identify time setting
- Quick Start technology
- Dust proof, water proof and corrosion proof
- 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 with a clear bodied lubricator

- Simple to implement to provide a no-fuss solution with the benefits of a clear lubricator body
- Can withstand impacts and will not rust to provide reliable lubrication under the harshest conditions

Extends Equipment Service Life

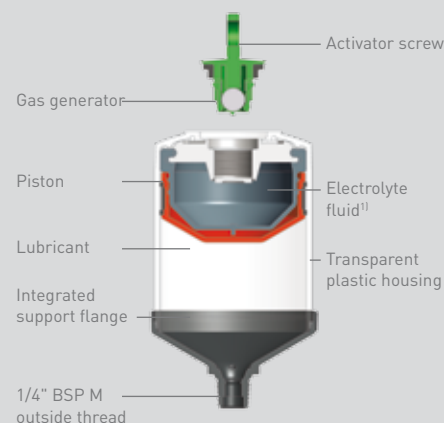
- Lubricates equipment while it is running to provide optimal lubricant exchange
- Delivers gradual purge of fresh grease to labyrinth and taconite seals to prevent the ingress of contaminants

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 shutdown and isolation
- Provides the option for conservative remote mounting, up to 1 meter from the lubrication point

Technical data





- Housing
Transparent plastics
- Drive
Electrochemical reaction
- Discharge period at 20 °C with SF01
1, 3, 6 or 12 months
- Lubricant volume
120 cm³
- Operating temperature
0 °C to +40 °C
- Remote installations
1 meter of 3/8" ID line (grease)



¹environmentally friendly citric acid

Discharge period in months:

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

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

* Grease discharge rates are temperature dependent