Lube Control Pty Ltd

Perma Classic

Simple and robust for use in the harshest conditions

perma CLASSIC is a single-point lubricator suited to a broad range of bearing and chain applications. perma CLASSIC is 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 applications such as conveyor pulley bearing lubrication in the quarry industry, mast lubrication points on blasthole drill rigs and dump-block sheaves on draglines.

By tightening the activation screw the gas generator drops into an 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. When the cartridge is empty, the piston becomes visible at the end of the clear cone. The lubrication period is indicated by colour-coded activator screws (type 1, type 3, type 6, or type 12) and the average ambient temperature.

Product characteristics

• Colour coded time settings which cannot be tampered with once activated • Economical solution which is simple to implement • Quick start technology to reduce delay time between activation and lubricant delivery	• Metal body can withstand knocks and impacts to provide lubrication under the harshest conditions • Can be installed on any angle and is dust proof and water proof • End cone can be flexed and will recover to its original position without damage	• Pressure build-up to 4 bar allows remote mounting with lines up to 1 meter† • Various options for simple remote mounting

Technical data

Applications	Conveyor pulley bearings and seals | Slurry pump labyrinth seals | Wire rope sockets (oil)
Drive	Electrochemical reaction via gas generator
Discharge period at +20 °C perma MULTI LC 220-2 (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)†
Pressure build up	Max. 4 bar
Standard & special lubricants	Greases up to NLGI 2 | Oils
Dimensions	perma CLASSIC: Ø 70 x 99 mm
Outlet	Outside thread 1/4" BSP M
Note	For oil-filled units, also use an oil retaining valve.

Lubricants

SKU	Code	Lubricant
SF01CLASSIC	SF01	perma MULTI LC 220-2 grease
SF02CLASSIC	SF02	perma LOAD L-M 100-2 grease
SO32CLASSIC	SO32	perma MULTI 100 oil
S070CLASSIC	SO70	perma FOOD SYN 220 oil

† Limits depend on line ID, grease type, temperature and the resistance to flow presented by lubrication point itself. Extending line lengths delays the delivery of first grease and may prevent lubricant delivery altogether

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