


Operating Principles

Thank you for purchasing the Pulsarlube S, the new and unique spring type single-point grease dispenser from Pulsarlube USA, Inc. The Pulsarlube S is a refillable lubricator.

To ensure the safe operation and proper installation of the Pulsarlube S unit, we strongly recommend that you read the following information carefully before use. If you require further information, please contact your local supplier.

Specifications

Specifications	Description	Image
Grease Capacity	100cc	
Normal operating pressure	1.3 kgf/cm ² (15 psi)	
Operating temp range	-23°C ~ 121°C (-10°F ~ 250°F)	
Outlet thread size	1/4" (NPT and BSP) Functions on both NPT & BSP lube points containing a 8mm(1/4") O.D due to re-enforced composite plastic tip on the lubricator.	
Weight	Filled : 320g(11.3oz) / Empty : 200g(7oz)	
Product dimensions	Height : 129mm (5")xDiameter : 67mm(2.6")	
Water Proof	Can be used under water.	
NLGI Range	NLGI 1,2	
Remote installation	Can be remotely installed up to 0.3m(1ft) using a 8mm(1/4") tube	

Installation Instructions

Pulsarlube S spring type lubricator is a demand-feed system , not a “time” programmable. Bearings get only as much lubricant as they need. The natural vacuum created in a bearing (Venturi Action) gently draws the grease into the bearing. When equipment isn’t operating, there is no grease demand.

This means that the grease will be rapidly discharged into the bearing housing if there will be no back pressure on the unit.

Also, If the bearing you are lubricating with the Pulsarlube S spring type lubricator is an open bearing located within an open housing (no mechanical seals installed), then the lubricator will be discharged very quick. You should look at the engineering drawings for the item you are attempting to lubricate and from those drawings identify and decide if there is sufficient resistance to allow the Pulsarlube S units to operate correctly as they were originally designed to do so, if doubt remains then install a more positive Pulsarlube product, Pulsarlube V and M.

➤ If the Pulsarlube S is already filled ;

- ① Make sure the valve position indicator located at top of dispenser is set to “OFF”
- ② Turn and pull out the piston locking hinges found at the bottom of the lubricator.
- ③ Turn the valve position indicator to #5 to make sure lubricator is dispensing properly, and then turn to “OFF” position.
- ④ Install lubricator on lube point manually and set it to desired dispensing rate from (1~5).

➤ If the Pulsarlube S is not pre-filled ;

- ① Set Control knob to the # 3 position
- ② Remove Red grease nipple cap and fill lubricator with grease gun until grease exits outlet via the center sleeve of lubricator.
- ③ Set Control Knob to “OFF” position and fill lubricator until the piston ring reaches level indicator line that reads “Do not fill below this line”
- ④ Place Red Nipple cap back on the grease point for protection.



Warning

- Please avoid over filling. Overfilling may damage the lubricator.
- Please use manual grease gun. Do not refill with high pressure, high volume air/electrically operated grease gun, this may damage the Pulsarlube S unit and warranty will be null and void.
- The Pulsarlube S is not a “time” programmable unit. The flow control valve is simply to allow you much more control over the dispensing rate.