

## PULSARLUBE V



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### Pulsarlube V

THE NEW GENERATION OF ELECTROCHEMICAL,  
AUTOMATIC SINGLE POINT LUBRICATOR



### General Description

- The Single-Point Lubricator (SPL) is one of how to extend the life of bearing in manufacturing operation. This technology was introduced into the industry more than 50 years ago.

SPL manufacturers have continuously introduced technological advances that have increased the life of bearings and the reliability of single-point lubricators. Original spring type lubricators (old compression grease cup) and Traditional gas charged lubricators (Chemical Reaction Type) are being replaced by New Generation of Electrochemical SPL.

Pulsarlube-V, New Generation of Electrochemical, Automatic SPL, is designed to ensure a precise, predictable, and fresh supply of lubricant in a wide variety of industrial applications. Pulsarlube-V delivers self-contained (pre-packed) lubricant, under pressure, by means of a controlled electrochemical reaction that generates inert Nitrogen (N<sub>2</sub>) gas. Unlike traditional gas charged lubricators using combustible Hydrogen (H<sub>2</sub>) gas generation as the result of metal/acid reaction, Pulsarlube-V uses inert Nitrogen gas generation controlled by Microprocessor, which is similar to safety airbag technology widely used in modern vehicles.

Pulsarlube-V unit has a variable dispensing rate from 1 to 12 month in a single unit. It is controlled by a microprocessor to ensure reliable and predictable lubricant delivery.

Selectable rate of lubricant discharge is pre-programmed to meet the specification of bearing and equipment manufacturer. However, it is important to recognize that, regardless of gas type SPL unit selected, understanding general characteristics of Gas type SPL is needed.

#### ▣ Feature;

- ▣ Microprocessor inside
- ▣ User-friendly large LCD panel
- ▣ Simple operation
- ▣ Accurate/Reliable dispensing
- ▣ Six Variable dispensing rates
- ▣ Programmed logic circuit
- ▣ Auto purge cutout
- ▣ High Performance Lubricant

#### ▣ Specification;

- ▣ Operating Temp: -4 deg F ~ 140 deg F
- ▣ Max working pressure: 70psi
- ▣ Grease Capacity: 125cc, 250cc available
- ▣ 5 Standard grease:
  - PL1 : Multi Purpose
  - PL2 : Heavy Duty
  - PL3 : High Speed
  - PL4 : Food Grade
  - PL5 : High Temp
- \* Special OEM fillings are available
- ▣ **Anti-Explosive Certi grade: Ex ia I/II B T4**

#### ▣ Common applications include

- ▣ Access is hazardous or inconvenient
- ▣ Contamination is present
- ▣ Insufficient staff to guarantee lubrication
- Application



**Mode Setting Guideline**

BALL & ROLLER BEARING		
BEARING SHAFT DIA	MODE SETTING	
	KLT500	KLT1000
105-120mm (4 1/8" - 4 3/4")	-	1 MONTH
88 - 105mm (3 1/2" - 4 1/8")	1 MONTH	2 MONTHS
79 - 87mm (3 1/8" - 3 1/2)	2 MONTHS	3 MONTHS
63 - 78mm (2 1/2 - 3")	3 MONTHS	6 MONTHS
49 - 62mm (2 / 2 1/2")	6 MONTHS	12 MONTHS
LESS 49mm(2")	12 MONTHS	-