


This user manual is intended for the safe operation of your automatic single point lubricator. It contains important instructions that must be followed to ensure safe and reliable operation.

Specifications

Specifications	Description	Image
Grease Capacity	125, 250cc	
Normal operating pressure	5.0 kgf/cm ² (70 psi)	
Operating temp range	-20 °C ~ 55 °C (-4 °F ~ 131 °F)	
Outlet thread size	3/8" PT (NPT Available)	
Product dimensions	125cc : Ø 97 x 133mm (H) 250cc : Ø 97 x 150mm (H)	
Water Proof	Can be used under water.	
NLGI Range	NLGI 1, 2	
Remote installation	Can be remotely installed up to Max 1.0m(3ft) using a 8mm(1/4") tube	

Installation Instructions

➤ Grease Lubricator Operation Manual

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<p>9</p> 	<p>Do not tamper with product.</p>		

Note · The periodic checkup is necessary when lubrication points are located outside or expected to be infiltrated by water, moisture & humidity.
· Dispensing rate may vary according to the grease types, the ambient temperature & conditions of lubrication points.

EC declaration of Conformity

· according to ATEX - Directive 94/91EC

Description		Description	
Manufacturer	KLT Co., Ltd. 597-2, Geumseung-ri, Tanhyeon-myeon, Paju-Si, Gyeonggi-Do, KOREA	IECEX	Ex ia IIC T4 IECEX KTL 10.0004X -20 °C ≤ T _a ≤ +55 °C
Product Description	Automatic Single Point Lubricator	ATEX	IEC 60079-0:2007 IEC 60079-11:2006
Product Name	Pulsarlube C		CE 0344 II1G Ex ia IIC T4 KEMA 10 ATEX0150X -20 °C ≤ T _a ≤ +55 °C
Type	KLT100C, KLT200C	KC	EN 60079-0:2006 EN 60079-11:2007 EN 60079-26:2007
			Ex ia IIC T4 KTL 10 KB2BO -20 °C ≤ T _a ≤ +55 °C

⚠ Warning

- Potential electrostatic charging hazard. (The cleaning from the PULSARLUBE shall be done with a wet cloth)
- Do not change inside Batteries.
- Avoid contact of grease with eyes, skin and clothing; also avoid swallowing of grease.

Mode Setting Guide(This chart is a general recommendation.)





In the chart below are some "general" guidelines for bearing lubrication requirements. Requirements may vary with individual bearing types and operating conditions.

Ball & Roller Bearings					
Bearing Shaft Diameter		125cc	Grease Volume (cc/Day)	250cc	Grease Volume (cc/Day)
102~165mm	4"~ 6 1/2"	N/A	—	1 Month	8.3
90~101mm	3 1/2"~ 4"	1 Month	4.2	N/A	—
77~89mm	3"~ 3 1/2"	N/A	—	3 Month	2.8
65~76mm	2 1/2"~ 3"	3 Month	1.4	6 Month	1.4
51~64mm	2"~ 2 1/2"	6 Month	0.7	12 Month	0.7
25~50mm	1"~ 2"	12 Month	0.3	N/A	—

This chart is a general recommendation. Experience and testing are required for the specific applications. Contact your local representative whenever :

- Operating with speeds, temperatures and conditions not listed in the above table
- Operating outside the parameters in the table above
- Excessive lubrication is used (*excessive lubrication is not recommended.)

Oiler Installation & Operating Principles

			
<p>Don't fail to remove the nozzle cap after turning the unit UPSIDE DOWN.</p>	<p>After choosing the adaptor to be installed (F3/8"x M1/4" or F3/8" x M1/8"), connect the enclosed filter to 3/8" female screw and assemble the unit into the 3/8" male screw tightly.</p>	<p>Install the oiler into the lubrication points.</p>	<p>If the LED lamp will be blinking at every 10 seconds at one of above setting mode, then the unit begins operating manual for Pulsarlube C grease Dispenser.</p>

Note · When re-installment is required, Make sure that the filter as well as oiler should be replaced.

· Air tightness should be secured in tubing & piping by using Teflon tape and the length of tube & pipe should be as short as possible to reduce the loss of pressure.

General Instruction

Manual Lubrication with Grease Gun

When using Pulsarlube C for the first time, fill the lube line with a manual grease gun. If the lube line is restricted, dispensing will be delayed. The grease in the gun should be same as, or compatible with the grease in Pulsarlube C. Please contact your distributor to check the grease compatibility.

Accessories

- The Pulsarlube C features a 9.5mm(3/8") male outlet. Use an appropriate reducer if the nipple of the bearing is other than a 3/8" male. Variable accessories are available from your distributor.
- When using 45° or 90° adapters, the total weight of the unit and adapter should not exceed 1kg(2.2lb). Do not use a 1/4" adapter, as it might break the thread.

Remote Installation

- In a remote installation, the tube or pipe should have an internal diameter greater than 1/4 and a length less than 1.0m(3ft). The tube or pipe should be filled with the same or compatible grease as the grease contained in the Pulsarlube C.
- The dispensing pressure decreases as distance increases. 1, 3 or 6 month mode is recommended in a remote installation.

Shelf Life and Warranty Period

The shelf life of each unit is 2 years from its production date, and the warranty period is 1 year from the date of installation.