



**MONOLUBERR**  
MLE Series



# SINGLE POINT **AUTOMATIC** LUBRICATOR.

RIKKON GROUP OF COMPANIES





## Single Point AUTOMATIC LUBRICATOR



It is a maintenance-free, cost effective and easy operated device especially designed for MQL formulation. Its reliability and simplicity of dispense setting has earned a reputation in / the marketplace. It ensures bearings in good working condition regardless of weather, operation requirement and harsh Environment. MONOLUBERR Single-point lubricator provides an adjustable dispense setting of 1 to 12 months. Easy-lube® imposes minimum lubrication pressure to maintain grease quality also avoid oil seal failure. The patented infra-red control system provides 24-hour continuous monitoring to track feed blockage, LED warning light flashes to alert users to be aware and take corrective steps on the occurrence.

## The Right lubricant A Cost-effective Replacement

The idea of expendable materials is a cost effective replaceable grease cup and battery only, while the expected serving life of MONOLUBERR lubricator is more than 5 years. It inspires the stability and reliability feature for the reuse, also ensures it's suitable for a wide variety of application especially equipments which are located at hard to reach or hazardous location.

It is advisable to use only recommended accessories to optimize product performance, Reduce grease consumptions, prevent contamination. And enjoy quick return or investment.



| Product Model No | MLE 60 -T | MLE 150 -T | MLE 250 -T |
|------------------|-----------|------------|------------|
| Grease Capacity  | 60 CC     | 150 CC     | 250 CC     |

## What Industries Will Benefit

- Power generation
- Petroleum products
- Iron/Steelmaking
- Heat processing
- Tile/cement factory
- Chemical industry
- Automotive factory
- Glass/textile industry
- Semiconductor/ electronics
- Military/government
- Public transportation
- Crematoriums
- Amusement park
- Mining
- Papermaking
- Canning industry
- Rubber/plastics
- Beverages/brewery
- Food processing
- Pharmaceutical factory
- Machinery manufacturer
- Flour mill
- Hospital/hotels
- Waterworks
- Sewage Treatment plant
- Shopping mall

## Example of applications



If You Use Any Of These Machines, Apply **Luberr/ Now...**

Electric Motors, Water Pumps, Conveyors, Blowers, Air Handling Units, Air Conditioners, Cooling Towers, Exhaust Fans, Ventilators, Air Compressors, Hoists, Escalators, Lifts, Agitators, kilns...etc, equipments.



## DIP Switch Setting for Dispense Period

| Dispense Period Setting (Month) | Dispense Period Setting (Month) | Time Span Between Dispense Cycles (Hrs) | Amount/ Cycle ml (oz) |                  |                  | Amount/ Day ml (oz) |                 |                 | Amount/ Week ml (oz) |                  |                  | Amount/ Month ml (oz) |                   |                  |
|---------------------------------|---------------------------------|---|-----------------------|------------------|------------------|---------------------|-----------------|-----------------|----------------------|------------------|------------------|-----------------------|-------------------|------------------|
|                                 |                                 |   | MLE 60                | MLE 150          | MLE 250          | 60                  | 150             | 250             | 60                   | 150              | 250              | 60                    | 150               | 250              |
| 1                               | 1                               | 2                                       | 0.167<br>(0.006)      | 0.417<br>(0.015) | 0.694<br>(0.024) | 2<br>(0.070)        | 5.00<br>(1.076) | 8.33<br>(0.293) | 14.00<br>(0.493)     | 35.00<br>(1.232) | 58.33<br>(2.054) | 60.00<br>(2.112)      | 150.00<br>(5.282) | 250<br>(8.803)   |
| 2                               | 2                               | 4                                       |                       |                  |                  | 1.00<br>(0.035)     | 2.50<br>(0.088) | 4.16<br>(0.147) | 7.00<br>(0.246)      | 17.50<br>(0.616) | 29.16<br>(1.027) | 30.00<br>(1.056)      | 75.00<br>(2.641)  | 125<br>(4.401)   |
| 3                               | 1 and 2                         | 6                                       |                       |                  |                  | 0.67<br>(0.023)     | 1.67<br>(0.059) | 2.77<br>(0.098) | 4.67<br>(0.164)      | 11.67<br>(0.411) | 19.44<br>(0.685) | 20.00<br>(0.704)      | 50.00<br>(1.761)  | 83.33<br>(2.934) |
| 4                               | 4                               | 8                                       |                       |                  |                  | 0.50<br>(0.018)     | 1.25<br>(0.044) | 2.08<br>(0.073) | 3.50<br>(0.123)      | 8.75<br>(0.308)  | 14.58<br>(0.513) | 15.00<br>(0.528)      | 37.50<br>(1.320)  | 62.50<br>(2.201) |
| 5                               | 1 and 4                         | 10                                      |                       |                  |                  | 0.40<br>(0.014)     | 1.00<br>(0.035) | 1.66<br>(0.059) | 2.80<br>(0.099)      | 7.00<br>(0.247)  | 11.66<br>(0.411) | 12.00<br>(0.422)      | 30.00<br>(1.056)  | 50.00<br>(1.761) |
| 6                               | 2 and 4                         | 12                                      |                       |                  |                  | 0.33<br>(0.012)     | 0.83<br>(0.029) | 1.38<br>(0.049) | 2.33<br>(0.082)      | 5.83<br>(0.205)  | 9.72<br>(0.342)  | 10.00<br>(0.352)      | 25.00<br>(0.880)  | 41.66<br>(1.467) |
| 7                               | 1 and 2 and 4                   | 14                                      |                       |                  |                  | 0.29<br>(0.010)     | 0.71<br>(0.025) | 1.19<br>(0.042) | 2.00<br>(0.082)      | 5.00<br>(0.176)  | 8.33<br>(0.293)  | 8.57<br>(0.302)       | 21.43<br>(0.755)  | 35.71<br>(1.257) |
| 8                               | 8                               | 16                                      |                       |                  |                  | 0.25<br>(0.009)     | 0.63<br>(0.022) | 1.04<br>(0.037) | 2.00<br>(0.062)      | 4.38<br>(0.154)  | 7.29<br>(0.257)  | 7.50<br>(0.235)       | 18.75<br>(0.660)  | 31.25<br>(1.100) |
| 9                               | 1 and 8                         | 18                                      |                       |                  |                  | 0.22<br>(0.008)     | 0.56<br>(0.020) | 0.90<br>(0.032) | 1.56<br>(0.055)      | 3.89<br>(0.137)  | 6.48<br>(0.228)  | 6.67<br>(0.235)       | 16.67<br>(0.587)  | 27.77<br>(0.978) |
| 10                              | 2 and 8                         | 20                                      |                       |                  |                  | 0.20<br>(0.007)     | 0.50<br>(0.018) | 0.92<br>(0.029) | 1.40<br>(0.049)      | 3.50<br>(0.123)  | 5.83<br>(0.205)  | 6.00<br>(0.211)       | 15.00<br>(0.528)  | 25.00<br>(0.880) |
| 11                              | 1 and 2 and 8                   | 22                                      |                       |                  |                  | 0.18<br>(0.006)     | 0.45<br>(0.016) | 0.75<br>(0.026) | 1.27<br>(0.045)      | 3.18<br>(0.112)  | 5.30<br>(0.187)  | 5.45<br>(0.192)       | 13.64<br>(0.480)  | 22.72<br>(0.800) |
| 12                              | 4 and 8                         | 24                                      |                       |                  |                  | 0.17<br>(0.006)     | 0.42<br>(0.015) | 0.69<br>(0.024) | 0.17<br>(0.041)      | 2.92<br>(0.103)  | 4.86<br>(0.171)  | 5.00<br>(0.176)       | 12.50<br>(0.440)  | 20.83<br>(0.733) |

## LUBERR Lubricator Specifications

| UL Approved in hazardous location                            | Material Outlet | Dispensing Grease Volume | Dispense Period Setting   | Operating Temp. Range       | Output Pressure (Exit cup)   | Dimensions (HxD)            | Electrical Ratings   | Replaceable Grease Cartridge   | CE Certificate   | CNEx Certificate  |
|--|-----------------|--------------------------|---------------------------|-----------------------------|--|-----------------------------|--|--|--|---|
| Class I, Div. 2 Group B, C, D<br>Class II, Div. 2 Group F, G | 1/2"PT (m)      | 60ml                     | 1 to 12 months Adjustable | -20 to +60°C (-4 to +140°F) | 75- 150psi (5 - 10bar)<br><br>Adaptive output pressure controlby back pressure | 13.3 X 8.9 cm (5.47 X 3.5") | DC6Volt Lithium Battery Pack<br><br>P-613A 1600mAh<br>or<br>P-6138 1400mAh | 1000 High Performance<br>1500 Multi-Purpose<br>2000 Heavy-Duty<br>500 Food Grade<br>or<br>DIYfilled with grease by your selectio | EC Council Directive 2004/108/ EC<br><br>TÜV Registration No.AE5016 95430001 | <b>CQST</b> approved in hazardous locations<br><br>Ex icllBT5 Gc Exic022 T95<br><br>Cer. No: CNEx13.3279X |
| Class I, Zone 2 Group IIB TS; Zone 22, T5                    |                 | 150ml                    |                           |                             |  | 16.3 X 8.9 cm (6.4 X 3.5")  |  |  |  |   |
|  |                 |                          |                           |                             |  |                             |  |  |  |   |

**NOTE:** Lubricant Flash Point Clarification for the Lubricant Dispensers for Hazardous Location which in this category are only to be used with lubricants and greases with flash points greater than 200°F (93°C).

Remark: The technical specifications are subject to the manufacturer change without notification.

### IMPORTANT

Low temperature Limitation - this is the lowest temperature at which the lubricator (motor) in operation. Other factors which may need to take into consideration are grease viscosity, grease operating temperature, especially grease pumpability.

### WARNING

Please comply with the local environmental protection laws to recycle or dispose of the replacements (grease cup or battery case). Do not burn or puncture the battery as toxic vapors could be released and caused injury and environment pollution.

### REPLACEMENT USAGE

To guarantee product performance, grease cup and battery are required to be replaced at every end of dispensing period. When RED indicator light flashes, maintenance technician must have the urgency to check whether feed blockage, grease empty or battery low.

### OIL LUBRICATION GUIDELINE

For oil lubrication, the lubricator must be located right below the lubrication point level. Or, use oil throttle or check valve at grease cup output to prevent oil leakage



**Don 't wait until its too late, run a trial now...!**



### **Quality Assurance and 100% Customer Satisfaction**

LUBERR Private Limited Two-Year Warranty (from the date of delivery) to all MONOLUBERR users that purchased from LUBERR'S authorized distributors.

This product is fully supported by Luberr Private Limited During warranty period, any defective unit will be replaced at LUBERR'S authorized distributors.



HIGH PRODUCTIVITY



ON TIME  
LUBRICATION



VALUE  
FOR MONEY



LESS WEAR

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