

Easytube® RFID PLUS

Automatic Lubricator EL 6.0

Product Number: EL-60 / 150 / 250 / 500 RP & RF
Product Model: Easytube® 60 / 150 / 250 / 500 RFID PLUS & FLEX



6th-Generation Smart Control Circuit



AI-Powered Three-Color Smart Indicator



Three-Year Free Warranty on Drive Unit



6th-Generation Reinforced Gear Set with New Optical Control Patent Structure



Precise and Stable Grease Injection Based on Bearing Operating Hours



100% Satisfaction Guarantee

Smart Memory + High-Efficiency Power Saving + Stable Grease Injection

- ▶ The 6th-generation patented gear set ensures stable output pressure, addressing challenges such as excessive extension tube length, small grease nipple diameters, or difficulty in grease pumping. It guarantees that grease lubrication meets the bearing's MQL (Minimum Quantity Lubrication) standards, offering precise and reliable grease injection. The monthly grease volume ranges from 5ml to 1000ml (external power supply not included).
- ▶ Thanks to the 6th-generation smart circuit, the **Easytube® RFID PLUS** drive unit automatically resumes its original lubrication process after a power interruption (whether using a lithium battery or an external power adapter). This feature allows for repeated use of the lithium battery until the "low power" warning light is activated, reducing maintenance costs and enhancing power efficiency.
- ▶ The **Easytube® RFID PLUS** series automatic lubricator includes a memory storage function, enabling synchronization with DC external power and equipment for ON / OFF operation. This aligns perfectly with the bearing's re-lubrication schedule based on operating hours. As a result, grease consumption is minimized, the bearing remains optimally lubricated, and overall equipment production efficiency is improved.



Example: If the cycle is set to 6 months and the equipment operates 8 hours per day, only one grease cup needs to be replaced every 1.5 years. If the cycle is set to 12 months with the same daily operation, it can last up to 3 years before a grease cup replacement is needed.

Abnormal Grease Injection Pressure Warning

▶ Pre-warning Function:

When the **Easytube® RFID PLUS** Smart Monitoring System actively detects an abnormal increase in lubrication pressure, the unit will flash alternating green and orange lights to alert users of the abnormal pressure at the lubrication point. This warning signal only indicates that the specific lubrication point is experiencing high pressure, the lubricator will continue to dispense grease. Once the pressure returns to normal, the warning lights will automatically turn off. Users may decide, based on the actual situation, whether to carry out pressure relief or other corrective actions in advance.

▶ Abnormal Warning Function:

If the grease injection pressure of the **Easytube® RFID PLUS** drive unit reaches the maximum limit (up to 10 bars), the smart monitoring system will automatically stop the injection process. Dual orange lights will flash for 24 hours as a warning. This signals operators to resolve the pipeline issue immediately, preventing insufficient lubrication and potential damage, and ensuring safe equipment operation.



Original Manufacturer High-Quality Consumables

Professional R&D Lubricant:

The grease cups recommended by the manufacturer undergo rigorous quality inspections before leaving the factory. The grease specifications fully comply with bearing specifications, operating speed along with other calculation conditions, and bearing lubrication testing standards, meeting the highest industrial standards. Additionally, a \$1 million product liability insurance policy is provided to ensure top-tier lubrication protection for users.

High-Efficiency Stable Lithium Battery:

Easylube® lithium batteries feature a new patented protective cover and have passed UL battery safety certification, UN38.3, and 1.2-meter drop tests. With high performance and stability, they maintain excellent performance even after multiple uses, reducing the need for frequent replacements. This makes them an environmentally friendly and cost-effective choice.

※ The grease cups recommended by the manufacturer feature laser-engraved trademarks, model numbers, and production batch numbers. **Easylube®** lithium batteries are equipped with a new patented protective cover. For optimal performance, please ensure you use consumables from the original manufacturer.



Professional Smart Software

TPMS Comprehensive Inspection Management System:

- Paperless data management, reducing human error and improving overall efficiency.
- Professional MQL calculation to optimize lubrication standards for each piece of equipment.
- Daily inspection scan with RFID to verify inspection records.

Easylube® LINK Remote Smart Management Software:

- Multi-user, multi-task management center, with segmented management areas and hierarchical personnel authority.
- Customizable inspection calendar that automatically generates statistics and task forms.
- Optimized inspection procedures to improve operational efficiency and accuracy.



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