

Easylube® Intelligent Automatic Lubricator

The launch of Easylube® new product was inspired by the technology of industry 4.0. We calculate the operating conditions and specifications of a running bearing into the built-in formulas of tribological algorithm by using the A.I. management software, which helps our customers set up lubrication standards.

In addition to setting up lubrication standards by using the A.I. management software, we have also designed “Easylube® Service Packs” that allows technicians using different digital devices, including PC, NB, PDA and smart phones, to manage the A.I. management software. For instance, a technician may use Easylube® Guardwatch App to calculate the correct lubrication standards and then optimizing the overall maintenance work and working efficiency. We can thus greatly decrease the maintenance cost and better control on maintenance budget.

Easylube® System will help our customers solve the common problems in Industry 3.0 when technicians mostly implement lubrication work based on their own experiences and limited knowledge, in which of the common example is end users taking recommendations from bearing suppliers or lubricant suppliers on how to set up lubrication standards. However, this deviates from the fact of “properly lubricate a bearing” since the lubrication standards can be extremely scientific as the three factors shown below:

1. Greasing Volume (Bearing size)
2. Re-greasing Interval (Grease life)
3. Viscosity, dynamic viscosity, film, operating temperature and life of grease

The advancement of today's AI management systems can solve problems that were difficult or required complicated calculations in the past with more efficient calculation integration. The technology enables our automatic lubricators to apply the RFID patrol system for inspection and management, which can avoid possible human errors and safety issues, and it is especially beneficial to remote or hazardous installation areas where technicians have troubles working on.

Authenticity Design & Package

Easylube® lubricators' logo and part number are laser-engraved on the grease cartridge, which helps our customers check the authenticity of the products easily and prevent them from using counterfeit products.

How to Choose Service Pack?

Our customers can simply enter bearing type, RPM and working conditions in Easylube® MQL calculation software to get lubrication standard and the operating procedure (Lubrication S.O.P.) using the built-in tribology formulas on the software, in which the correct greasing volume, re-greasing interval and proper lubricant will be recommended by the A.I. system. As the result, our customers can select the most suitable service pack shown on MQL calculation in Easylube® software and achieve the standard for proper bearing lubrication.

Data for grease TDS or SDS can be requested from all regional Easylube® Representatives or you download from : www.easylube.com

Easylube® Service Pack

Easylube® Service Pack - Heavy Load



ES- 60 -2000-3B
ES-150-2000-3B
ES-250-2000-3B

Easylube® Service Pack - Multi-Purpose



ES- 60 -1500-3B
ES-150-1500-3B
ES-250-1500-3B

Easylube® Service Pack - High Speed



ES- 60 -1000-3B
ES-150-1000-3B
ES-250-1000-3B

Easylube® Service Pack - Food Grade



ES- 60 -5000-3B
ES-150-5000-3B
ES-250-5000-3B