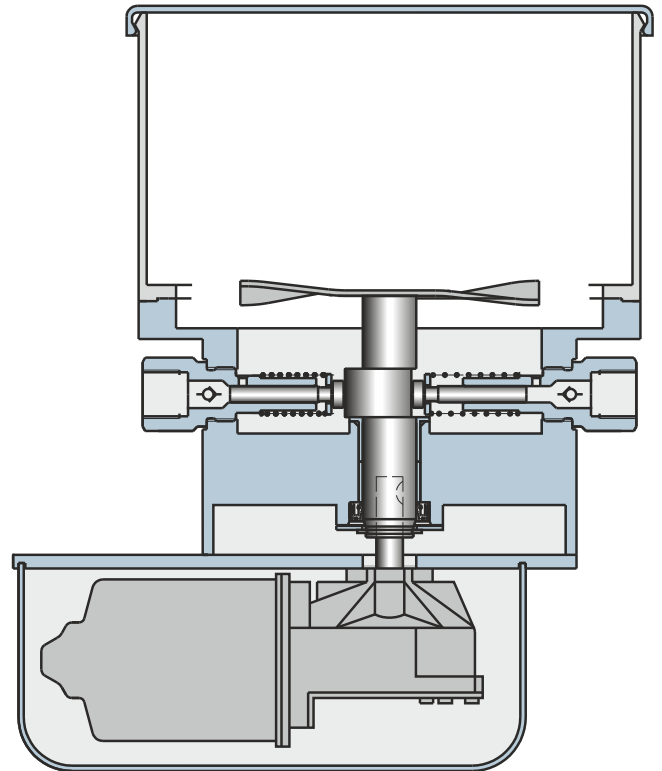


The Smart Automatic Lubricator



# LUBCON® EasyMatic

Inconsistent lubrication in terms of frequency or volume is the most common cause of premature bearing failure. Automatic lubrication is the only way to ensure regular and accurate lubricant supply.



**EasyMatic** is a compact and versatile solution for multiple point lubrication. With the options of various size reservoirs, distributor blocks, pumps and programming capabilities. **EasyMatic** can be configured to suit any specific customer application. **EasyMatic** can pump either oil or grease up to NLGI class 3 and may be used in almost every type of environment thanks to its robust housing.

**EasyMatic** makes a significant contribution to reducing maintenance and lubrication costs. In addition, downtime associated with manual lubrication will be minimized and machine reliability improved.

- Relubrication with **EasyMatic** and high quality greases ensures optimum bearing performance.
- Precise and regular automatic relubrication keeps the bearing free from contamination.
- Optimum grease supply reduces lubricant consumption and maintenance effort.

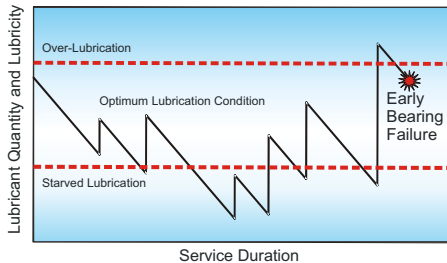
- ✓ Improves Safety
- ✓ Increases Reliability
- ✓ Reduces Costs

# LUBCON® EasyMatic

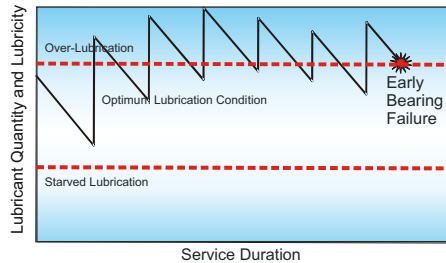
The Smart Automatic Lubricator



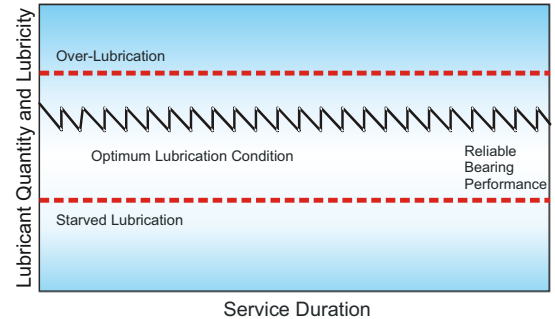
## Under-Lubrication



## Over-Lubrication



## EasyMatic



In industry sectors such as pulp, paper, printing, steel, packaging, textile and many others complex machinery operates 24 hours a day and 7 days a week. Optimum performance and thus productivity can only be achieved if all machine elements like electric motors, support bearings, joints etc. operate with high precision over long periods of time.

To maintain the precision of such components, it is vital to eliminate wear by providing a reliable lubricating environment. The quality and accuracy of the relubrication process determine the reliability and productivity of such machines.

Manual lubrication at irregular intervals with an inappropriate volume and type of lubricant will cause initial damage in any moving assembly. Eventually this will result in early and very often unpredictable bearing failure.

Over lubrication of the bearings is not a solution either. An excess of grease in the bearings causes higher friction, heat, vibrations and thus unfavourable bearing operating conditions. This eventually results as well in premature bearing failure.

Automatic lubrication with very short lubrication intervals and small but very regular and accurate lubricant quantities provides optimum lubrication conditions. Due to the closed system, it reduces the risk of contamination and refreshes the lubricant in the bearing more frequently than manual lubrication.

**EasyMatic** can be configured to meet customer application requirements and feed up to 44 lubrication positions. Flexible programming which can be set in different modes: four standard operation modes as well as a purge mode, e.g. to purge the bearings in case of accidental contamination etc.

Technical Data		EasyMatic
Reservoir Size		2; 4 or 7 liters
Feed Pressure		up to 250 bar / 3626 psi
Pump Elements		1 or 2
Outlets		2 to 22 per pump element
Feed Rate	0.08 pump element 0.16 pump element	0.08 cm <sup>3</sup> per stroke 0.16 cm <sup>3</sup> per stroke
Temp. Range		-30 °C up to 60 °C (-22 °F - +140 °F)
Housing		aluminum cast
Reservoir		polyamide transparent
Lubricants		oils & greases up to NLGI 3
Power		24V DC
Power input		2.5 A max.
Speed		approx. 30 rpm

## LUBCON Lubrication System



**MicroMax 120**  
Single point lubricator for automatic lubrication up to a maximum of 3 years. Can be used for any individual bearing, ball screws, gears, etc. with a large variety of long life greases.



**DuoMax 160**  
Double point lubricator for maintenance-free operation of e.g. electric motors up to a maximum of 3 years. Can also be used for fan shaft bearings and many others with a large variety of long life greases.



**QuattroMax 30**  
Minimal quantity lubricator for high speed spindle lubrication. Only unit that can supply grease to grease lubricated spindles during operation. Lubrication of linear guides, high precision ball screws etc.



**Manual and Pneumatic Grease Pumps**  
A large variety of manual and pneumatic grease pumps and accessories are available to facilitate the proper handling of lubricants in an industrial environment.

### LUBCON Service + Systems GmbH Lubrication Systems

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This brochure only contains product information. For specific information please refer to our technical data and safety data sheets. The indications made represent the present state of development and knowledge of LUBCON Service + Systems GmbH which is subject to change without notification. The products are subject to severe controls of manufacture and comply in full with the specifications set forth by our company, but due to the multitude of different influencing factors, we cannot assume any warranty for the successful application in each individual case. Therefore, we recommend performing field tests. We strictly refuse any liability. The implementation of automatic lubrication systems does not discharge the user from the obligation to check regularly the lubrication points.