The world's first automatic lubrication system for linear chains is now available!

Mobile systems always have to be lubricated. That also applies to the linear chain, which has long since become an indispensable component of linear drive technology.

Until now we have specified the lubrication interval in the operating instructions. It was the customer's responsibility to observe these prescribed service intervals.

However, there are linear chain applications that make it difficult to keep to a regular service interval.

For example:

- The linear chain operates outdoors and is only partly easy to access.
- The linear chain operates in a theatre system below the stage and is only accessible to a limited extent.
- The linear chain is accommodated somewhere under the deck and accessible only with a crane.

And then there are the cases where customers simply forgot the lubrication, which led to failures due to the lack of lubrication. It can be very expensive if that happens in a production area with high downtime costs.

Therefore customers have frequently enquired in the past about an automatic lubrication system.

**Install the linear chain and automatic lubrication system – and forget it!**

In order to increase safety and service for customers we have now *developed the world's first and only automatic lubrication system for linear chains for the global market.*
It can be supplied as an option with every linear chain. And it can be retrofitted to every linear chain – simply, quickly and inexpensively.

The main component is a lubricant dispenser, which can be adapted individually to the customer’s requirements (3/6/9/12 months). The lubricant dispenser and the associated drive head can be exchanged very simply.

The lubricant container can be refilled up to five times and the drive head can be easily disposed of in the domestic waste.

A food-safe oil with NSF certifications and H1 approval is used as standard. However, special greases and other oils are possible.

This system is now available for all common linear chain sizes without chain store.

**Continuous lubrication keeps costs down and ensures high operational reliability!**

What are the benefits of automatic lubrication for the customer?

- The continuous dispensing of lubricant prevents the under- or over-lubrication that frequently occurs with manual lubrication.
- Saving of time and high work safety thanks to low maintenance requirement.
- Longer service lives of machines and less unplanned maintenance.
- Closed dust-proof and waterproof system.
- Reliable system, because the linear chain is continuously supplied with lubricant.

**Typical applications for the linear chain are:**

- transport systems for opening and closing hall roofs
- raising and lowering of floors and podiums in stage set construction
- extension and retraction of galleries
- vehicle lifts
- load platforms
- container transfer
- moving materials into tempering furnaces
- lifting platforms in workshops
- conveying systems
- driverless transport systems
- in warehouse logistics
- in modern building technical services
- when changing tools in metalworking presses
- for the transfer of containers

Further information on the linear chain can be found on our website:

[https://www.grob-antriebstechnik.de/de/produkte/schubketten.html](https://www.grob-antriebstechnik.de/de/produkte/schubketten.html)