

LUBCON TLB® 200 BV

Automatic Chain Lubrication System

Increasing conveyor speeds, higher temperatures and reduced maintenance require advanced solutions for conveyor chains in order to minimise oil consumption and maximise chain service life. The automatic chain lubrication system TLB was designed to meet the requirements of modern manufacturing environments. An accurate control of chain oil quantities avoids over lubrication and thus prevents the potential contamination of the finished product.

Optimum wear protection can be achieved by the correct application of the lubricant at the right points. In combination with LUBCON® chain lubricating oils, energy consumption can be reduced and the service life of the chain can be extended considerably.



System-related benefits:

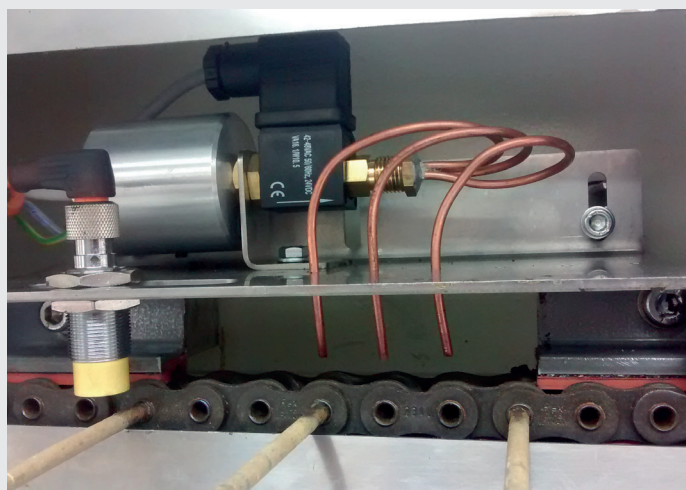
- Exact dosing prevents over- or under-lubrication
- Precise application with predefined point of impact
- Lubrication with minimum quantities
- Automatic level control in the drum
- Oil drop application by hydraulic pressure - no oil atomisation
- Appropriate oil quantity adjustment for each lubrication point
- Mechanical chain speed detection

Your benefits:

- Optimised oil consumption
 - Simple change of the drum in the case of oil vacancy
 - Reduced noise emissions and less wear
 - Lower energy consumption of conveyor
 - Extended machine availability and service life
 - Automatic lubrication within safe zones
- ➔ **Reduction of maintenance costs and effort**

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Central Lubrication System for Conveyor and Transport Chains



Technical Data

Lubricants	Turmofluid ED 13 Turmosynthoil GV and others
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Drum size	200 l
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Power supply	110 V / 60 Hz 230 V / 50 Hz
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Output voltage	24 V
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Control unit	- Four independent channels - Three programmes (time, cycle and impulse) - Connection of up to five control systems through CAN bus - PIN code protection
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Sensor Controlled Impulse Programme

With the impulse programme the individual chain links are detected numerically by sensors. The lubrication is applied during one complete conveyor chain cycle. This is followed by a selected number of unlubricated chain running cycles.

The optimum lubricant quantity is applied in form of drops directly to the lubrication point. This prevents the chain from being over- or under-lubricated.

Areas of Application

- Automotive industry (e.g. conveyor belts)
- Wood industry (e.g. transport systems for tree trunks, wood chips etc.)
- Waste incineration plants
- Paper industry (e.g. roll transport systems)
- Pin chain conveyor (e.g. conveyor system for can coating lines)
- and much more

We are glad to advise you individually in your particular application. Feel free to contact us!

This flyer contains only general product information. For specific information please refer to our technical data and safety data sheets. The content represents the actual state of development and knowledge of LUBCON Service+Systems GmbH that can be subject to change without notification. The products mentioned fully comply with the specifications defined by our company, but due to the multitude of different applications and influencing factors, we cannot guarantee suitability for the individual application. To determine the suitability of a lubricant we, therefore, recommend contacting an application engineer and, if necessary, performing individual field tests. Any further liability by LUBCON Service+Systems GmbH is expressly excluded.

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