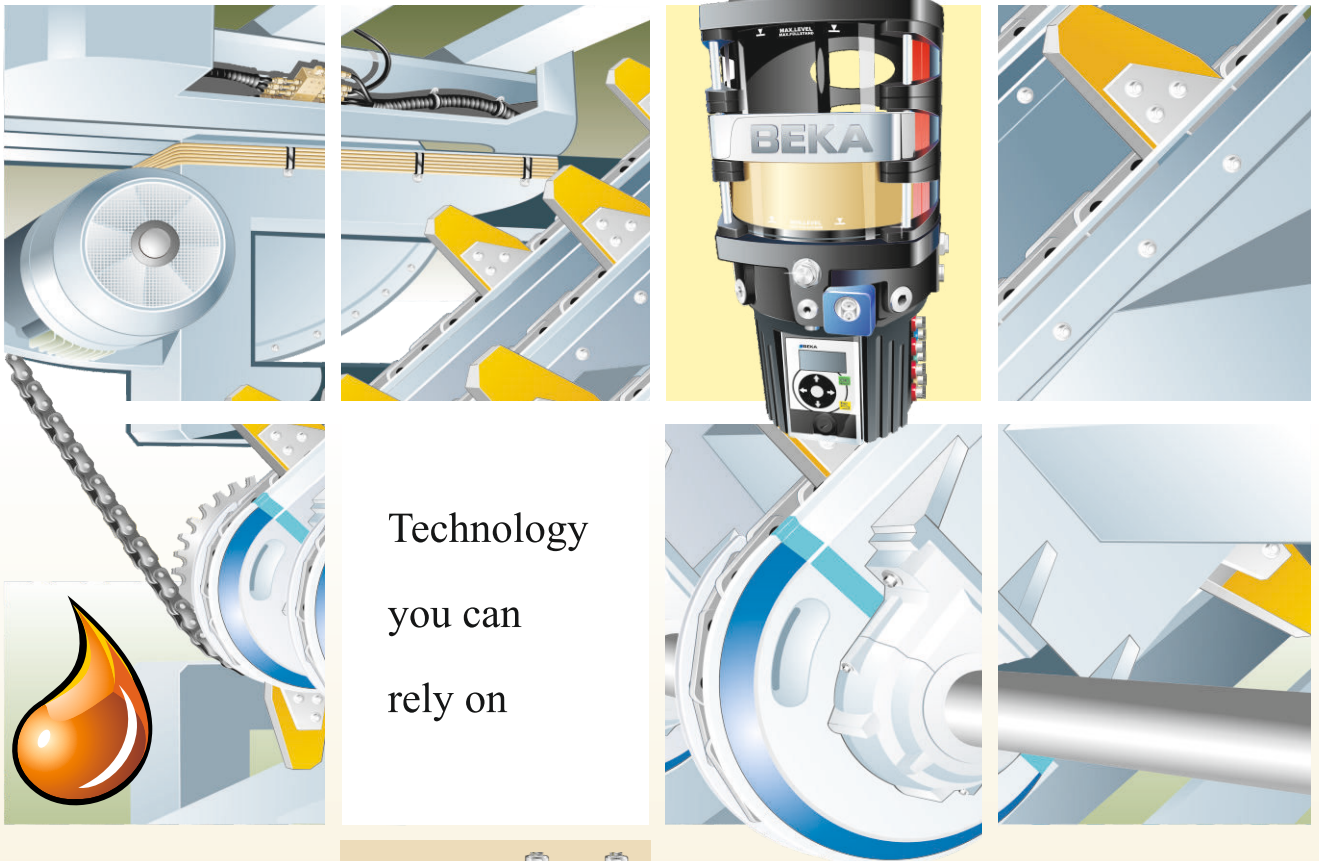
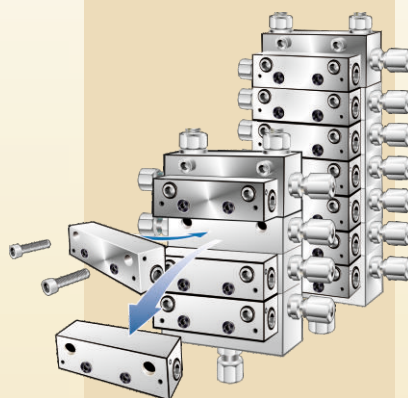


Central Lubrication Systems for Saw Mills and Log Yards



Technology
you can
rely on



- reduce wear and costs
- optimize operational reliability
- improve working safety

Central Lubrication Systems for Saw Mills and Log Yards

Disadvantages of manual greasing

With manual lubrication during a machine standstill, the lubricant is supplied just to one area of the friction point and cannot distribute itself. The bearing is more or less "overfilled" with grease until lubricant flows out. The lubricating film at the friction point is quickly used up. The consequence is a lack of lubrication. From this moment on, wear and tear increases rapidly.

A BEKA central lubrication is the solution of this problem

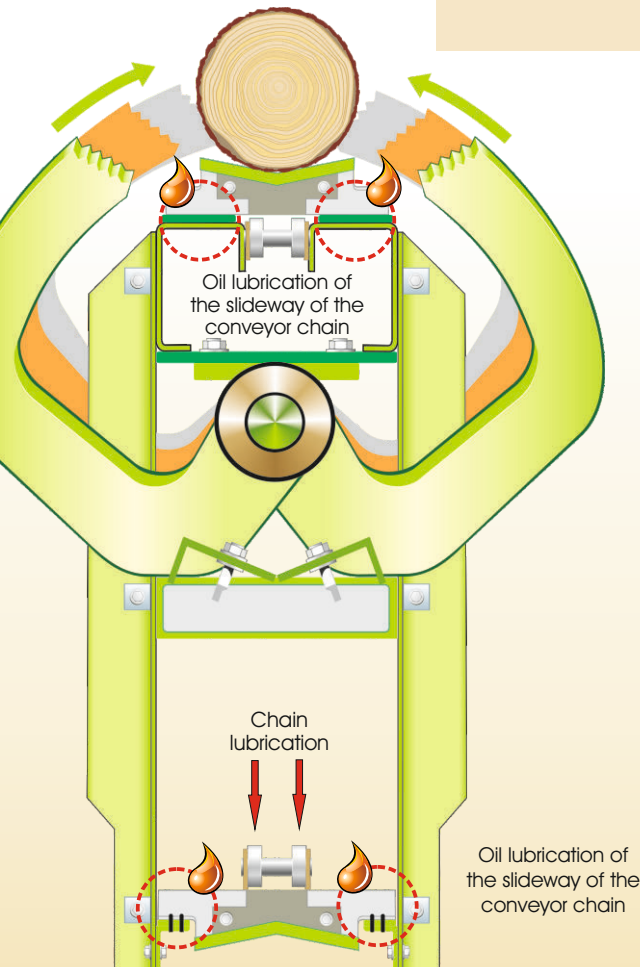
With central lubrication, the highly loaded bearing points are lubricated during operation. The lubricant reliably reaches all points of the bearing. Also bad accessible lubricating points will not be forgotten. Using a central lubrication system, the lubricating film is permanently renewed with exactly metered lubricant quantities.

This means: Drastically reduced wear and tear!

Central lubrication systems made by BEKA: Full service from a single source

BAIER + KÖPPEL produces lubrication systems since 1927. BEKA offers a comprehensive program of lubrication and maintenance systems for all applications. Our focus lies on the realization of specific solutions, which perfectly hit the demands of our customers.

Example of application:
Lubrication points at a
sorting conveyor



Effective cost reduction with an automatic lubrication system.

Example: Saw line with wood feeding with 1.600 lubrication points (3-shifts/6-days a week)

Costs for manual greasing:

1.500 grease lubrication points

2 min/point 3000 min = 50 h/week
at 35.-€/hour **€ 1.750.-/week**

100 oil lubrication points

1x per shift / 1 hour 18 hours/week
at 35.-€/hour **€ 630.-/week**

Labour costs: € 2380.-/week

Costs for automatic lubrication

Costs for refilling of lubricants and
visual monitoring of the system

approx. 2 h/week
each 35.-€/hour **€ 70.-/week**

Labour costs: € 70.-/week

Reduction of the labour costs per week: € 2.310.-

Lubrication in an efficient, safe and economic way

Efficient:

- Lubrication during machine is in operation
- Steady greasing with small lubricant quantities
- No additional shifts for lubrication works necessary

Safe:

- Greasing from the safety fence or fully automatic
- No greasing works in the danger zone
- No lubrication point will be forgotten

Economic:

- Significant time saving for greasing works
- Lubrication directly from economy-sized reservoirs
- No cleaning of the machine for lubrication necessary

...the key to effective maintenance and service!

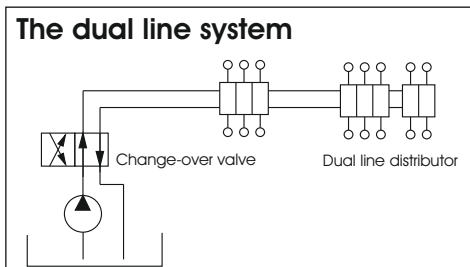
Improved working safety:

The lubrication points are supplied from outside of the safety fence - this means outside of the danger area.



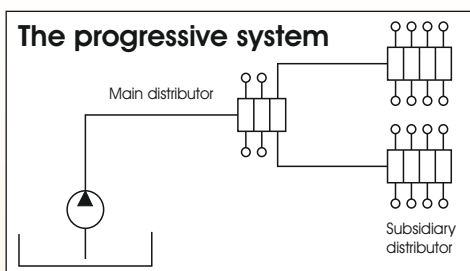
Always the appropriate lubrication system

According to the application we offer our customers individually configured solutions consisting of one or several different lubrication systems:



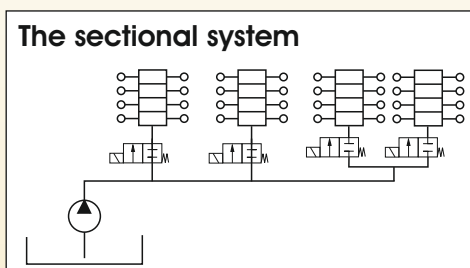
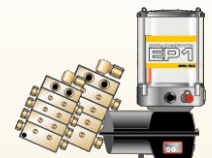
The dual line system is the classic solution for large plants as the lubricant can be transported over long distances. The lubricant is pressurized only for a short time, this minimizes the risk of bleeding out. The dual line system can be branched widely.

Typical application: machines and plants with widely separated lubrication points, like for example log yards.



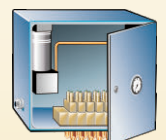
The progressive system supplies many lubrication points with just one feed line. It can be monitored easily and offers flexible extension possibilities. BEKA produces progressive systems from simple manifolds at the safety fence up to fully automatic systems.

Typical application: The progressive system is suitable for machines and systems with many lubrication points, like saw lines and profiling lines.

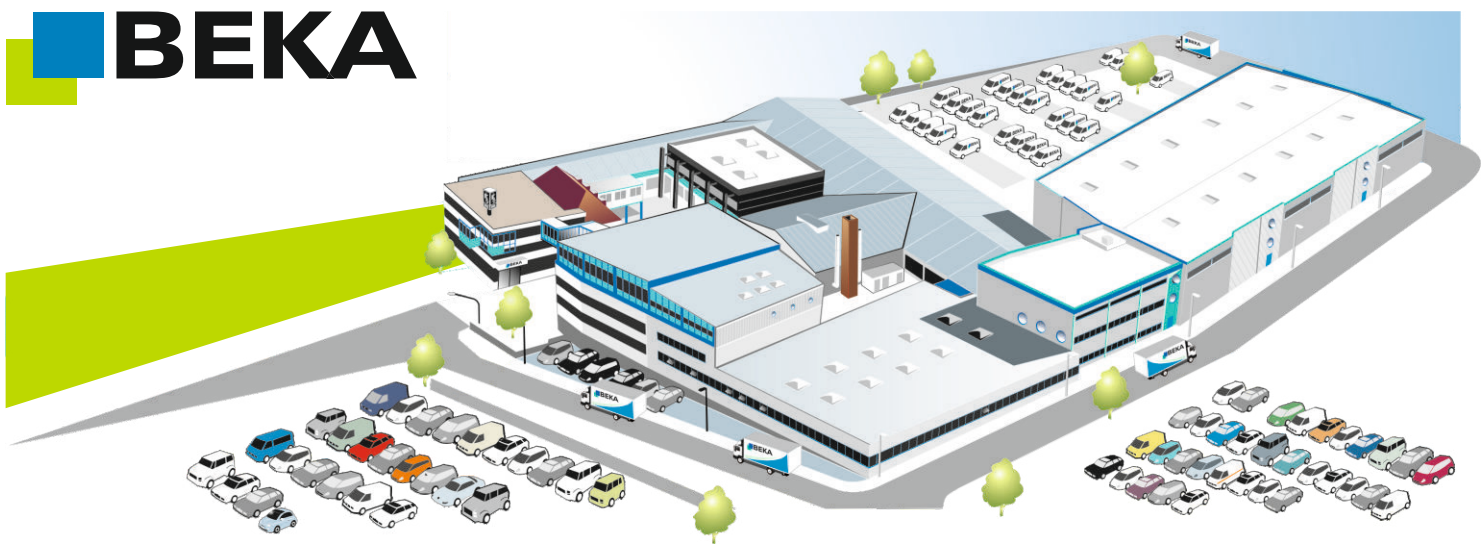


The sectional system is an extended progressive system. Large plants with many lubrication points are divided into sections. The lubricant quantities for the sections can be controlled and monitored individually. The sectional system can be extended easily.

Typical application: For large plants with many lubrication points, like saw lines and board sortings.



**Projecting, production, documentation, installation and service:
Competence from one hand!**



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