

BDS – Bearing Dosing System for Crushers and Screening Equipment



Lincoln lubrication systems can modularly be extended. The transition from a manual system up to a fully automated centralized lubrication system can be multi-staged.



... for the optimum supply to all lubrication points



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The Lincoln BDS supplies all connected lubrication points from one or two central points with lubricant from a manual, or even a battery or pneumatically operated grease gun. As a result, all points are supplied with an optimum metered dosage of lubricant.

Especially for crushers and screening equipment the BDS offers the advantage of precisely metered quantities of lubricant – particularly for those previously hard-to-get-to places.

The BDS is based on a modular building block concept that can be extended at any time, or retrofitted with an automated centralized lubrication pump. The system (with or without pump) is suitable for greases up to NLGI 2.

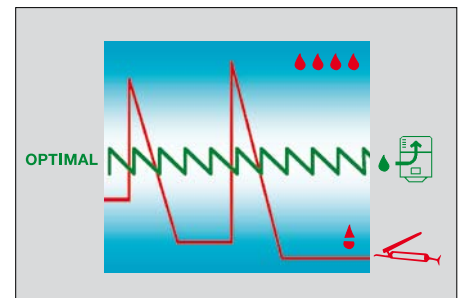
The BDS principle:

- All lubrication points are connected with one or more metering devices and centrally supplied from one or two lubricating points (filling nipples).
- The system can easily be refitted with a centralized lubrication pump.
- All lubricating points are easily accessible.
- All connected lubrication points are automatically supplied with metered lubricant distribution in a progressive system manner.
- Practical, pre-assembled kits make installation quick & easy.

Advantages of central lubrication

Centralized or automated lubrication offers several advantages when compared to manual lubrication.

- Increased profit from greater productivity.
- Improved uptime of machines and systems. Less unproductive, costly downtime due to lubrication related losses.



- Reduction in repairs and spare parts costs.
- Exactly suited metering reduces the cost for lubricant.
- Exact metering reduces ground contamination. No dripping of “too much” applied lubricant.
- Improved work safety by reducing slipping hazard.
- Hard-to-reach lubrication points are easily accessible from one point. This also improves work safety.
- Reliable supply of all lubrication points. Nothing is “overlooked”.