
Construction

Hydraulically driven attachments

SKF Hydraulic Driven Lubricator



SKF Hydraulic Driven Lubricator increases equipment reliability and uptime

Robust and automatic, this unit allows Dehaco B.V. to offer a complete package solution that eliminates manual lubrication for hammers, breakers and other hydraulically driven attachments.

Without optimum lubrication, dust, water, mud, vibration and continuous shocks can stress hydraulically driven construction attachments and components, causing premature wear. Proper manual lubrication helps prevent such problems, but it involves time-consuming, potentially dangerous stops. If performed improperly, or too infrequently, manual lubrication can also cause chisels, bushings and other components to degrade quickly, leading to more maintenance, possible failures, delayed projects, and costly repairs.

To offset these inherent manual lubrication risks, construction equipment manufacturers are looking to automatic lubrication solutions for hydraulically driven attachments. Dehaco B.V., a Dutch demolition equipment supplier and manufacturer, was developing just such a smart lubrication system for a breaker attachment, when the company approached SKF, with whom it had formed a good working relationship on other projects.

Dehaco wanted to offer its customers a complete, automatic solution for lubricating the breaker tool and bushing to minimize wear. In the process, the company would differentiate its breaker in the market as an eco-friendly, labour-saving solution. However, Dehaco had been working with a competitor's lubrication system that was repeatedly failing. Looking for a better solution, Dehaco turned to SKF.



The right lubrication solution

SKF engineering consultants suggested the SKF Hydraulic Driven Lubricator. Designed to deliver the right lubricant, in the right amount, at the right time, the SKF Hydraulic Driven Lubricator continuously lubricates attachment components while they are in movement. Apart from minimizing tool and bushing wear, this SKF solution also minimizes dust and contaminant intrusion to keep machines running longer, without the frequent stops and associated safety risks that manual lubrication involves.

The SKF Hydraulic Driven Lubricator has a robust, patented pump drive that features a piston driven directly by the hydraulic medium, rather than a spring and concentric cam that can be vulnerable in tough conditions. The unit also features an easy exchange, pre-filled chisel paste cartridge.

Compared to centralized lubrication systems with a pump installed on the machine, the SKF Hydraulic Driven Lubricator has fewer connection parts and less piping, making it easier to install and swap work tools between machines.

After taking all of these performance factors into consideration, and following a period of performance testing, Dehaco B.V. chose the SKF Hydraulic Driven Lubricator as an automatic lubrication solution for its hammers and breakers.

Features

- Patented pump drive works without springs or vulnerable components
- Easy-exchange chisel paste cartridge enables quick reloading
- Fewer piping and connection parts than other systems
- Lubricant delivery rate is easy to adjust

Benefits

- Increases reliability
- Increases availability
- Reduces maintenance costs
- Extends maintenance intervals
- Improves worker safety
- Reduces wear and risk of breakdowns



The SKF Hydraulic Driven Lubricator

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