



CASE STUDY: HYDRAULIC TOOL AUTOMATIC LUBRICATION

APPLICATION: HAMMER

Hydraulic hammers take a serious beating. Frequent lubrication of a hydraulic hammer not only maintains the proper lubrication film to reduce wear but also acts as a means to purge the pins and bushings of contamination. If rock dust, dirt, sand, and water are allowed to work their way into these components, they will form a “grinding compound” that reduces bearing life dramatically.

OEMs recommend bearing lubrication of the hammer every two hours to achieve optimal performance and to hold down maintenance and repair costs. However, deadline-driven operators rarely halt work to grease the hammer, which can lead to breakdowns that grind down productivity and inflate repair expenses.

THE FLO SOLUTION

The SKF HTL 201 Hydraulic Tool Lubricator delivers a precise shot of grease each time the hammer is activated, helping maintain the lubrication film and purge contaminants from critical bearing points.

The pump attaches directly to the hammer and is connected to the hydraulic power supply of the carrier. When the operator pushes the pedal to activate the hammer the hammer grease pump is activated, automatically sending a single shot of grease to lubricate the bearing points. When the operator’s foot comes off the pedal and hydraulic fluid pressure is removed from the hammer, the drop in pressure releases the spring in the pump and recharges it so it is ready to lubricate again the next time the device is activated.

System Features:

- Automatic lubrication - Greases the hammer every time it cycles, without the operator leaving the cab.
- No work interruption - Keep working instead of stopping every couple of hours to manually grease the hammer.
- Reduced wear - Consistent lubrication helps protect pins, bushings and other critical components.
- Lower maintenance costs - Help extend component life and reduce unplanned repairs and downtime.
- Travels with the tool - Installed directly on the hammer, so the lubricator stays with the attachment when it's moved between machines.
- Versatile application - Adjustable delivery allows the HTL 201 to handle different tool sizes and applications, using either standard grease or chisel paste.
- Easy to maintain - Uses standard 14.5 oz grease cartridges, with a visual low-level indicator to alert you when the cartridge needs changing.



FLO RESULTS

Designed to fit in tight spaces, the HTL 201 is an ideal automatic lubrication solution for small and midsize hydraulic hammers, breakers, grippers and crushers. Less manual greasing. Less wear. Less downtime. More productivity.

**For Fire Suppression Solutions,
GO WITH THE FLO!**

FLO Components Ltd., 50 Admiral Blvd., Mississauga, ON, L5T 2W1
1.800.668.5458 • sales@flocomponents.com • www.flocomponents.com