



HTL Single Shot Hydraulic Lubricator Pump for Hammers

- Delivers precise lubrication every time the hammer cycles
- Increase productivity—no work interruption
- Reduces machine repairs and replacement costs

Arms and breakers move constantly and exert enough force to demolish a building or repair roads in a tough environment filled with grit and debris. Many OEMs recommend frequent lubrication of that hammer 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. Lincoln's HTL Pumps make precise, consistent lubrication a reality. Now your operator can lubricate the hammer without leaving the cab. The pumps attach directly to the hammer, and your operator, with the push of a pedal, automatically sends a single shot of hydraulic fluid to the pump. Then the pump gives one shot of grease to lubricate the bearing points. When the operator's foot comes off the pedal, pressure releases the spring in the pump so it's ready to lubricate again.

Applications: construction OEMs, hydraulic hammer retrofits, demolition attachments and medium to larger breakers/hammers

- Withstands vibrations of an operating hammer
- Travels with hammer, perfect for rental equipment or hammers used on various machines
- Hydraulic power supply
- Pedal-actuated
- Attached grease fitting allows for manual filling and fast priming of pump
- Uses standard 14.5-ounce grease cartridges and handles chisel paste
- To adjust output, metering plugs are available (0.006 in³ [0.1 cm³] to 0.031 in³ [0.5 cm³])
- Convenient visual low level indicator

Operating Temperature:	-10°F to +180°F / -23°C to +80°C
Hydraulic Port:	SAE #4 (7/16-20 UNF) O-ring
Pump Outlet:	SAE #4 (7/16-20 UNF) O-ring
Weight (Empty):	16.3 lbs. / 7.4 kg
Weight (Full):	17.3 lbs. / 7.8 kg

Specifications

Model No.	85429	85425	85424	85414
Hydraulic Ratio at Max. Output and Pressure*	2.4:1	0.7:1		
Max. Hydraulic Operating Pressure:	2600 psig (112 bar)	5000 psig (345 bar)		
Max. Recharge (or Vent) Pressure:	400 psig (28 bar)	1100 psig (75 bar)	600 psig (41 bar)	1100 psig (75 bar)
Max. Lube Outlet Pressure:	6500 psig (450 bar)			
Output per Stroke (Std. Metering Plug)	.018 cu. in. (0.3 cc) Std. .006 - .031 cu. in. (0.1 - .5 cc) Optional*			.031 cu. in. (0.5 cc) Std. .006 - .031 cu. in. (0.1 - .5 cc) Optional*
Grease Reservoir Volume:	14.5 oz.			

*Optional metering plugs are available for different output volume. See Pump Output Adjustment chart below.

Pump Output Adjustment Metering Plug

Model No.	Output per Stroke
271924	0.006 in ³ / 0.1 cm ³
271925	0.012 in ³ / 0.2 cm ³
271926 *	0.018 in ³ / 0.3 cm ³
271927	0.031 in ³ / 0.5 cm ³

*Note: Standard plug included with pump



HTL 201US Continuous Hydraulic Lubricator Pump for Hammers

- Delivers precise lubrication every time the hammer operates
- Increase productivity—no work interruption
- Reduces machine repairs and replacement costs

Arms and breakers move constantly and exert enough force to demolish a building or repair roads in a tough environment filled with grit and debris. Many OEMs recommend constant lubrication of that hammer 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. Lincoln’s HTL Pumps make precise, consistent lubrication a reality. Now your operator can lubricate the hammer without leaving the cab. The pumps attach directly to the hammer, and your operator, with the push of a pedal, automatically sends a continuous flow of hydraulic fluid to the pump. Then the pump gives continuous grease to lubricate the bearing points. When the operator’s foot comes off the pedal, pressure releases the flow in the pump so it’s ready to lubricate again.

Applications: construction OEMs, hydraulic hammer retrofits, demolition attachments and medium to larger breakers/hammers

- Mounts directly on the hydraulic device and lubricates continuously while in operation
- Continuous lubrication with small quantities during the working cycle
- Compact design
- Independent – the pump stays with the tool that requires lubrication even if the carrier unit is exchanged.
- 14.5 oz. cartridge can be replaced or the reservoir bulk filled with the special built-in adapter making it ideal for OEMs or rental fleets that specify a specific grease or chisel paste on their equipment.
- Low lubricant level indicator lets operator know when to fill or change cartridges.

Operating Temperature: -13°F to +140°F / -25°C to +60°C

Hydraulic Port: G ¼ BSPP O-ring

Pump Outlet: G ¼ BSPP O-ring

Specifications

Model No.	85446
Max. Hydraulic Operating Pressure:	1160 to 3045 psi (80 to 210 bar)
Max. Lube Outlet Pressure:	1740 to 3916 psi (120 to 270 bar)
Output per Stroke	0.13 in ³ / stroke (0.22 cm ³ / stroke) to 0.41 in ³ / stroke (6.7 cm ³ / stroke)
Grease Reservoir Volume:	14.5 oz.