

Hydraulic Tool

Lubrication Pump HTL101



The HTL101 pump is a hydraulically driven centralized lubrication pump. It is used mainly for the lubrication of hydraulic hammers. However, it can also be used for the lubrication of other hydraulically driven devices.

As a compact small-sized pump, the HTL101 is ideal for being mounted directly on the hammer or any other attached devices. The drive is effected via the hydraulic system of the carrier device. While the hammer or any other attached device operates, the pump continuously supplies lubricants such as chisel paste or greases up to NLGI class 2 to the connected lube point(s).

The pump is provided with lubricant by means of an exchangeable 400 g cartridge. The red follower piston in the cartridge serves as a visual control of the grease level. When the follower piston reaches the low-level position (control window), the cartridge must be replaced.

The pump output can be controlled via an adjustable fine throttle and can therefore be adopted to most hammer sizes.

The function of the pump can be checked by observing whether the eccentric shaft turns or whether the grease-level position of the follower piston changes.



HTL 101 Pump

The pump is suitable for operating at ambient temperatures down to -25° C (-13° F) as well as under water (10 m or 32.8 feet).

Technical Data

output	0.22 cm ³ /rotation	0.13 in ³ /rotation
operating temperature	- 25° C to 80° C	- 13° F to 176° F
factory setting	4 rpm (setting range 2-20 rpm)	4 rpm
setting of pressure relief valve	120 bar (grease pressure)	1740 psi
max. hydraulic pressure	250 bar	3626 psi
min. hydraulic pressure	100 bar	1450 psi
oil pressure connector	M 16 x 1.5 mm	
oil return line connector	M 16 x 1.5 mm	
feed line connection	G 1/4	
feed line connections	3 different outlets (top, bottom, back)	

Dimensions

Height (Cartridge Included)	Width	Depth
302 mm (11.9 in)	173 mm (6.8 in)	85 mm (3.4 in)
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HTL Cartridge

Popular HTL101 Models

Part No.	Model	Cartridge Capacity cm ³	Capacity in ³	Grease
642-40950-1	HTL101	400	24.4	grease or chisel paste

Popular HTL101 cartridges

Part No.	
642-37631-1	5 packages with 12 cartridges chisel paste
642-37632-1	10 packages with 12 cartridges chisel paste
642-37609-2	1 packages with 12 cartridges grease