

Description

The 304500 Lever Action Oil Transfer Drum Pump is an efficient and effective means of transferring oil from either the 60 or 205 Litre oil company drums. Model 304500 has a curved outlet spout without hose. Model 304600 incorporates the 304500 drum pump but is supplied with 2 metres of hose and a curved outlet spout. Both models transfer oil at a rate of 0.45 litres per stroke and includes a telescopic downtube.

Specifications

To Fit	Original oil company 60 and 205lt drums
To Transfer	Engine oil, hydraulic oil, gear oil and automatic transmission fluid
Porting	Outlet port: 1/2" BSP Inlet port: 1/2" BSP
Materials	Pump body housing in steel and brass segments in the valving
Discharge Quantity	0.45 litres per stroke

Operating Instructions

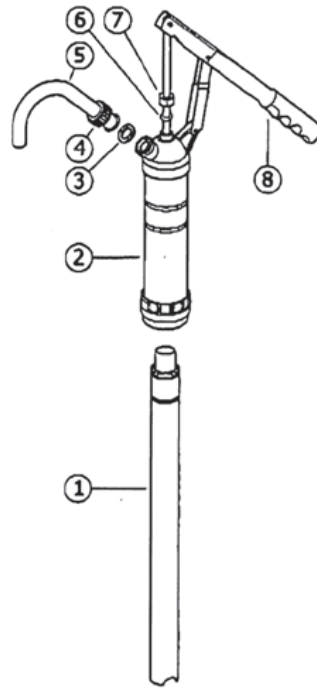
- 1 Connect the outlet spout (Part No. 730203) to the pump body housing (Part No. 730212) with the aid of the locking nut (Part No. 730204). To do this, ensure that gasket (Part No. 946400) is seated in locking nut.
- 2 Insert outlet spout (Part No. 730203) into the locking nut (Part No. 730204) and as an assembly start screwing it onto pump housing body (Part No. 930212).
- 3 Screw locking nut all the way down until it seats on the male thread of the pump body housing. At this stage, the outlet body will be firm and tightly secured to the pump body outlet. When doing this, be sure to not cross thread the male and female threads.
- 4 Now connect telescopic pick up tube (Part No. 730202) to the inlet of the pump body housing (Part No. 730212) ensuring that the threads are airtight. Push the telescopic pick up tube all the way down to ensure that the seal in the tube seats and mount the pump into drum.
- 5 Action the lever until you feel the oil priming in the pump body and continue to pump until oil appears at the pump outlet or hose outlet.

If looked after well and used in the right application, the 304500 and 304600 drum pumps will give you years of trouble free oil transfer. Your oil transfer drum pump, like all Alemite Lubrequip products, is covered by a 12 month warranty.

Please file these service instructions carefully to assist you in solving possible problems you may have with your pump and to assist you in re-ordering spare parts if and when required.



Parts and Drawing Breakdown For The 304500



Ordering Spare Parts

Parts List – Part No. 304500

ITEM NO	PART NO	DESCRIPTION	QTY
1	730202	Pick Up Tube	1
2	730212	Pump Body Housing	1
3	946400	Gasket	1
4	730204	Locking Nut	1
5	730203	Outlet Spout	1
6	946007	O Ring	1
7	730210	Nut	1
8	730908	Handle Assembly	1

Trouble Shooting

PROBLEM	CAUSE	REMEDY
Pump will not prime	Telescopic Tube Not seated correctly	Pull bottom part of pick up tube down as far as you can to ensure that the telescopic tube is correctly seated.
Pump will not prime	No lubricant in Barrel Assembly	Take off outlet spout and pour into the barrel assembly a small amount of lubricant. Action lever 5 or 6 times until you feel that the lubricant is spread evenly in the barrel assembly. Reconnect pump and the pump will prime.
Pump will not prime	Thread connections not air tight	Use thread tape on suction tube to barrel assembly connection and barrel assembly to outlet tube assembly connection to ensure that all connections are airtight.
No fluid delivery	The suction tube (Part No. 730202) does not reach the liquid No liquid in the drum	Insert the suction tube (Part No. 730202) down to the bottom of the drum Fill in or replace the drum
The pump does not prime	Loose suction tube (Part No. 730202)	Retighten the suction tube (Part No. 730202)
Liquid leaks through the nut	Loose nut (Part No. 730210)	Retighten the nut (Part No. 730210)
Liquid leaks through the spout nut	Loose spout nut (Part No. 730204)	Retighten the spout nut (Part No 730204)
Liquid leaks through the spout	Damaged gasket (Part No. 946400)	Replace the gasket (Part No. 946400)

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