

Once you have determined your total lubricant requirements, your greatest line length and compensated for line expansion, you're ready to determine the pump you need.

If your overall requirements are less than 2.4 cu. in. for oil or 2.15 cu. in. for grease, you can select a single stroke pump. Should your requirements demand more capacity, a reciprocating pump will fill the need.

Your Lincoln representative will suggest the best pump for you based on your application. Look over the following pages of pump selection options and feel free to ask questions.



### Model 83817 Economy Grease Pump

Manual pump has metal reservoir and spring-loaded follower. Indicator pin in pump base shows when 2500 psi system operating pressure has been achieved.

<b>Model:</b>	<b>83817</b>	
<b>Output/Stroke:</b>	.100 cu. in.	1.6 cc
<b>Reservoir Capacity:</b>	1 lb.	.45 kg
	30 cu. in.	492 cc
<b>Lube Outlet:</b>	1/8" NPTF (F)	
<b>Typical System</b>	Min. 1200 psig	82 bar
<b>Operating Pressure:</b>	Max. 3500 psig	241 bar
<b>Dimensions (HxWxL):</b>	15 1/4" x 5" x 5 5/8"	387 x 127 x 141 mm
<b>Filling Method:</b>	14.6 oz. Grease Cartridge/Bulk Fill	

### Model 1810 Grease Pump

Translucent reservoir with spring-loaded follower. Indicator pin in pump base shows when 2500 psi system operating pressure has been achieved. Refill through included fitting using Model 81834 filler pump or other manual pump equipped with Model 645006 coupler.

<b>Model:</b>	<b>1810</b>	
<b>Output/Stroke:</b>	.160 cu. in.	2.6 cc
<b>Reservoir Capacity:</b>	5 lb.	2.27 kg
	150 cu. in.	2458.50 cc
<b>Lube Outlet:</b>	1/4" NPTF (F)	
<b>Typical System</b>	Min. 1200 psig	82 bar
<b>Operating Pressure:</b>	Max. 3500 psig	241 bar
<b>Dimensions (HxWxL):</b>	16 1/4" x 7 1/8" x 7 3/4"	413 x 181 x 197 mm
<b>Filling Method:</b>	81834 Filler Pump	