



Model 84944

### Model 84944

Hydraulic-operated pump with 60 lb. metal reservoir and vent valve.

<b>Model:</b>	84944
<b>Nominal Lubricant/ Hydraulic Pressure Ratio:</b>	16:1
<b>Output/Min @ 30 Cycles/Min:</b>	11 cu. in. / 180 cc
<b>Reservoir Capacity:</b>	60 lb. / 27 kg , 1800 cu. in. / 29,500 cc
<b>Hydraulic Inlet/Outlet:</b>	¼" NPTF (M)
<b>Lube Outlet:</b>	¾" NPTF (M)

**Important Note:**

1. Pumps require a timed electrical signal to operate. Use Model 244270 (not potted) or 249605 (potted) Cycle Timer. See System Controls section for specifications.
2. Included hydraulic solenoids require 24 VDC.

### Model 84961

Basic pump only for Model 84944. Includes pump and hydraulic control. Does not include reservoir or vent valve.



Model 84960

### Model 84960

Hydraulic pump for use with U.S. standard 120 lb. refinery drum. System components (pump, vent assembly, drum cover and follower plate) must be ordered separately.

### Model 84962

Hydraulic pump for custom lubricant container installations. Pump length is sized for U.S. standard 400 lb. refinery drum depth.

Model	Nominal Lubricant/ Hydraulic Pressure Ratio	Output/Min @ 30 Cycles/Min	Lube Outlet	Pump Tube Length	Pump Tube Diameter
84960	16:1	11 in <sup>3</sup> / 180 cm <sup>3</sup>	¾" NPTF(F)	-	-
84962				33 <sup>15</sup> / <sub>16</sub> " 862 mm	1" 25.4 mm

**Important Note:**

1. Pumps require a timed electrical signal to operate. Use Model 244270 (not potted) or 249605 (potted) Cycle Timer. See System Controls section for specifications.
2. Included hydraulic solenoids require 24 VDC. Use Vent Assembly Model 84990; Drum Cover Model 84616 and Follower Plate Model 83371. Drum Cover and Follower Plate are for use with Model 84960 only.

## Hydraulic Power Supply Requirements

Hydraulic Inlet Pressure psig / bar		Flow Rate @ 30 Cycles/Min. GPM ltrs/min	Fluid Max. Inlet Temperature	Ambient Operating Temperature Range		Filtration Requirement
Min	Max			Min	Max	
300 / 21	3000 / 207	1.0 / 3.8	210°F/99°C	-40°F/-40°C	+135°F/57°C	10 Micron

**Note:**

All pumps have a hydraulic pressure reducing valve rated for 60 psi (4 bar) to 800 psi (55 bar) output. Maximum input is 3000 psi (207 bar).



Model 84962