

### The Heavy-Duty 50:1 Grease Pump Family from Lincoln

Lincoln air-operated lube equipment models featuring our high-pressure Series 20 and Series 40 grease pumps have been performance proven in automotive, agricultural, heavy-duty, marine, construction and industrial facilities throughout the world.

- Series 20 grease pumps include the time proven 20 cubic inch displacement Lincoln air motor with 2 1/2" stroke—ideal for most applications.
- Series 40 grease pumps include the time proven 40 cubic inch displacement Lincoln air motor with 4 1/2" stroke—ideal for high volume applications.

These pumps are built for power, durability and dependability and these exclusive engineering features ensure top performance and longer service life.

### Series 20 & 40 Grease Pump Features

- Lightweight, corrosion-resistant zinc head casting design incorporates uniform wall thickness and an integral patented muffler which keeps noise level below OSHA standards without compromising performance. Keeps pumping, while other pumps slow down or stop due to icing.
- 150 psi pre-lubricated air motor requires no external oiler.
- Pneumatically-assisted mechanical air valve assures positive tripping.
- Springless air motor construction prevents premature pump failure due to spring fatigue.
- Precision-machined, hardened steel slide valve for longer life—no packings to wear out.
- Powerful—20 cu. in. or 40 cu in. air motor.
- Designed for greater cycle rates. Exceeds maximum limits recommended for competitive pumps.
- One piece pump outlet body withstands constant high lubricant pressures.
- Easier serviceability. Majority of parts are common with other series 20, 25 and 40 pumps.
- Faster output. Double-acting design provides high-pressure and uniform delivery on both up and down strokes.
- Hardened steel plunger and bushing resist abrasion and prolong pump life. Micro-lapped to high precision tolerance to eliminate bypassing lubricant.
- All pumps are 100% electronically tested to assure quality performance.
- Backed by the most extensive, qualified service network in the industry.
- Shovel-type foot valve adds mechanical priming to normal suction. Handles all grades of lubricants.
- Backed by a five-year limited warranty. See your Lincoln representative for details.





918

### Series 20 • 50:1 • Double Acting

#### Shop/Plant Applications

#### Model 918 120 lb. Drum

Equipped with 82050 bare pump assembly, 46007 drum cover, 815 air coupler, 11659 air nipple, 72036 3' air connecting hose, 75060 5' high-pressure grease connecting hose, 84780 deluxe follower plate, 80202 volume elbow union. Height with drum is 39<sup>3</sup>/<sub>8</sub>". Drum not included.

#### Model 83447 Pump Elevator Assembly

Pump elevator assembly lifts pump assembly clear of drum for easy, one person drum changes. Also helps prevent introduction of foreign material into grease during drum changes. Height with drum is 39<sup>3</sup>/<sub>8</sub>", 67<sup>1</sup>/<sub>4</sub>" with elevator raised. Drum not included.

#### Model 926 400 lb. Drum

Equipped with 82054 bare pump assembly, 81523 drum cover, 815 air coupler, 11659 air nipple, 72036 3' air connecting hose, 75060 5' high-pressure grease connecting hose and 80202 volume elbow union. Height with drum is 46". Drum not included.

*NOTE: A deluxe follower plate 83366 is recommended for use with this pump. See page 21.*

#### Model 926-1 400 lb. Drum

Same as 926 except without 81523 drum cover.

#### Lube Truck/Mobile Applications

#### Model 82991 120 lb. Drum

Equipped with 82050 bare pump assembly, 82989 drum cover and tie rod assembly, 84941 eye bolt kit, 815 air coupler, 11659 air nipple and 80202 volume elbow union. Height with drum is 40<sup>3</sup>/<sub>4</sub>". Drum not included.

*NOTE: Connecting hoses are not included with this package. Order connecting hoses separately to suit application.*

#### Model 83112 400 lb. Drum

Equipped with 83112-1 pump, 83115 drum cover and tie rod assembly 815 air coupler, 11659 air nipple and 80202 volume elbow union. Height with drum is 50". Drum not included.

*NOTE: Connecting hoses are not included with this package. Order connecting hoses separately to suit application.*

*NOTE: For lube truck/mobile applications (models 82991 and 83112), optional deluxe follower plate is available. See page 21.*



83447



926



82991

These high-pressure pumps incorporate a 20 cu. in. air motor design.

### Series 20 Grease Pumps

Model	Description	Bare Pump	Free Delivery (per min.)	Ratio	Drum Size	Air Inlet NPT	Material Outlet NPT
918	Shop/garage	82050	80 cu. in.	50:1	120 lb.	1/4" (f)	1/4" (f)
923	Shop/garage w/elevator	82050	80 cu. in.	50:1	120 lb.	1/4" (f)	1/4" (f)
926	Shop/garage	82054	80 cu. in.	50:1	400 lb.	1/4" (f)	1/4" (f)
82991	Lube truck model	82050	80 cu. in.	50:1	120 lb.	1/4" (f)	1/4" (f)
83112	Lube truck model	82054	80 cu. in.	50:1	400 lb.	1/4" (f)	1/4" (f)

*NOTE: Grease strainer 82103*



1418

### Series 40 • 50:1 • High Output • Double Acting Shop/Garage Applications

#### Model 1418 120 lb. Drum

Equipped with 84667 bare pump assembly, 46007 drum cover, 815 air coupler, 11659 air nipple, 72036 3' air connecting hose, 75060 5' high-pressure grease connecting hose, 84780 deluxe follower plate and 80202 volume elbow union. Height with 120 lb. drum is 41<sup>3</sup>/<sub>8</sub>". Drum not included.

#### Model 1426 400 lb. Drum

Equipped with 84668 bare pump assembly, 81523 drum cover, 815 air coupler, 11659 air nipple, 72036 3' air connecting hose, 75060 5' high-pressure grease connecting hose and 80202 volume elbow union. Height with 400 lb. drum is 48". Drum not included.

*NOTE: Deluxe follower plate 83366 is recommended for use when pumping extra-heavy lubricants and must be ordered separately for this model. See page 21.*

#### Model 1426-1 400 lb. Drum

Same as 1426 except without 81523 drum cover.

#### Model 2740 400 lb. Inductor

Equipped with 84668 bare pump assembly, 274681 primer assembly with follower, air powered hoist, 815 air coupler, 11659 nipple, 274728 7' air hose, 75084 7' grease hose, 602003 air regulator for hoist, and 274843 air gauge. Raised height is 97".

### Lube Truck/Mobile Applications

#### Model 84684 120 lb. Drum

Equipped with 84667 bare pump assembly, 82989 drum cover and tie rod assembly, 84941 eye bolt kit, 815 air coupler, 11659 air nipple and 80202 volume elbow union. Height with drum is 42<sup>3</sup>/<sub>4</sub>". Drum not included. Follower not included.

*NOTE: Connecting hoses are not included with this package. Order connecting hoses separately to suit application.*

#### Model 84683 400 lb. Drum

Equipped with 84668 bare pump assembly, 83115 drum cover and tie rod assembly, 84941 eye bolt kit, 815 air coupler, 11659 air nipple and 80202 volume elbow union. Height with drum is 52". Drum not included.

*NOTE: Connecting hoses are not included with this package. Order connecting hoses separately to suit application.*

*NOTE: For lube truck/mobile applications, optional deluxe follower plate is available. See page 21.*

These high-output pumps incorporate a 40 cu. in. air motor design with a 4 1/2" stroke for higher volume output and fewer cycles per pound of grease.

### Series 40 Grease Pumps

Model	Description	Bare Pump	Free Delivery (per min.)	Ratio	Drum Size	Air Inlet NPT	Material Outlet NPT
1418	High-volume shop	84667	90 cu. in.	50:1	120 lb.	1/4" (f)	1/4" (f)
1426	High-volume shop	84668	90 cu. in.	50:1	400 lb.	1/4" (f)	1/4" (f)
84683	High-volume lube truck	84668	90 cu. in.	50:1	400 lb.	1/4" (f)	1/4" (f)
84684	High-volume lube truck	84667	90 cu. in.	50:1	120 lb.	1/4" (f)	1/4" (f)
2740	Pump with inductor	84668	90 cu. in.	50:1	400 lb.	1/4" (f)	1/4" (f)



84775

### **Follower Plates**

Recommended when pumping lubricants that will not seek their own level.

#### **Model 84775**

Deluxe universal follower for use with 25-50 lb. containers for 1", 1 1/4", 1 1/2" diameter pump tubes. All rubber unit ensures complete grease dispensing to the bottom of dented or plastic lined drums; wipes pail or drum clean. Metal cap holds insert firmly in place, ensuring seal and maintaining vacuum.



84780

#### **Model 84780**

Same as 84775 except for use with 120 lb. containers for 1", 1 1/4", 2 1/8" diameter pump tubes. Used with Series 20 and 40 air-operated grease pumps.

#### **Model 83366**

Deluxe pressed steel follower plate for 400 lb. drums includes a seal in the hub to prevent channeling of grease past the pump tube.



46007

### **Drum Covers**

#### **Model 46007**

Drum cover for 120 lb. or 16-gallon open top refinery containers for all series 20, 25 and 40 pumps.



81523

#### **Model 81523**

Drum cover for 400 lb. or 55-gallon open top refinery containers for all series 20, 25 and 40 pumps.



282396

### 3:1—5:1 • Motor Oil, ATF, Gear Lube and Other Fluid Lubricants

#### The 3:1 and 5:1 Stub Pump Family from Lincoln

For more than 75 years, Lincoln's exclusive pump designs have proven their superiority in application after application. And our lineup of strong, silent oil-dispensing pumps is no exception.

Both our stub pumps are built with the same rugged reliability and powerful performance you've come to expect from Lincoln. They are super quiet—the quietest pumps on the market. They deliver increased output for faster product delivery. And they let you handle a wider range of applications with total mounting flexibility.

Lincoln has taken the time proven pump design of the Lincoln 84933 5:1 pressure ratio balanced double-acting oil stub pump and created a more compact air motor to produce a 3:1 pressure ratio balanced double-acting oil stub pump, model 282396. This pump creates a versatile, economical, reliable and smooth delivering lower pressure version of the Lincoln 5:1 ratio pump.

Since the 282396 balanced double-acting 3:1 pressure ratio oil stub pump and the 84933 balanced double-acting 5:1 pressure ratio oil stub pump share all dimensions other than air motor cylinder diameter, these pumps are now directly interchangeable without piping changes.

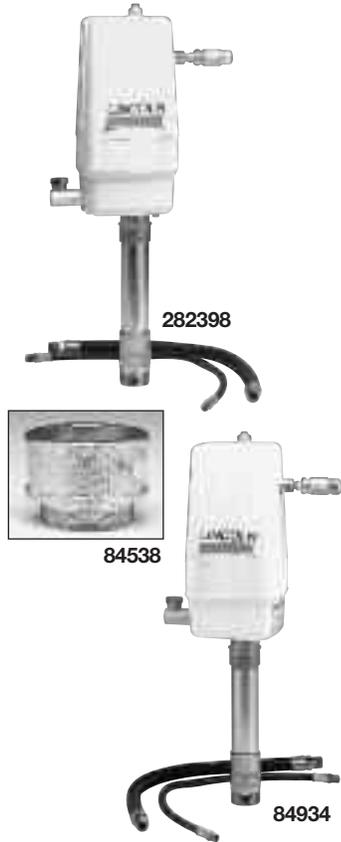
The Lincoln oil pump design enables all pump users to choose 3:1 ratio or 5:1 ratio pump models to suit their specific application.



84933

#### Series 25 & 40 Oil Pump Features

- More powerful. 25 cu. in. or 40 cu. in. air motor with universal mounting capability.
- Balanced double-acting pump design provides uniform output and stroke for less pulsation (7.5 cu in./cycle).
- Longer Life. Full 4 1/2" stroke for fewer cycles per gallon dispensed.
- Lightweight, corrosion-resistant zinc head casting design incorporates uniform wall thickness. Keeps pumping while other pumps slow down or stop due to "icing."
- 150 psi air motor with integral patented muffler. Keeps noise below OSHA standards without compromising performance.
- Ball check valve helps keep pump primed.
- Pneumatically assisted mechanical air valve assures positive tripping.
- Springless air motor construction prevents premature pump failure due to spring fatigue.
- Precision-machined, hardened steel slide valve for longer life.
- Designed for greater cycle rates. Exceeds maximum limits recommended for competitive pumps.
- Large Pump Outlet. 1/2" NPT(f).
- Easier serviceability. Majority of parts are common with other series 20, 25 and series 40 pumps.
- Each pump is 100% electronically tested to assure quality performance.
- Backed by most extensive, qualified service network in the industry.
- Large Pump Inlet. 1" NPT(f) inlet with 1 1/2" NPT(m) pump inlet for versatile pump mounting and full oil flow.
- Backed by our five year limited warranty. See your Lincoln representative for details.



### 3:1 – 5:1 • Motor Oil, ATF, Gear Lube and Other Fluid Lubricants

Now you can build your 3:1 ratio or 5:1 ratio oil pump with a stub pump plus suction kit or you can order complete models. You make the choice.

#### Series 25 Pumps

This 2" diameter, 25 cubic inch displacement stub pump family is based on our 3:1 ratio 282396 bare stub pump.

#### Model 282398

3:1 pressure ratio stub pump assembly comes complete with 282396 bare stub pump, 84935 pump cover kit, 73024 oil connecting hose, 72024 air connecting hose, 241584 90° volume union elbow, 815 air coupler, 11659 air nipple and 84538 bung bushing. Delivers a uniform six gallons of product per minute free delivery. Ideal for dispensing fluids from drums, tanks or remote standpipe mount.

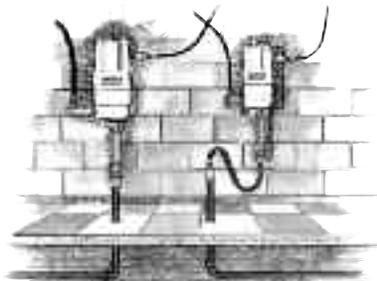
#### Series 40 Pumps

This industry proven 2 1/2" diameter, 40 cubic inch displacement stub pump family is based on the Lincoln 5:1 ratio 84933 bare stub pump.

#### Model 84934

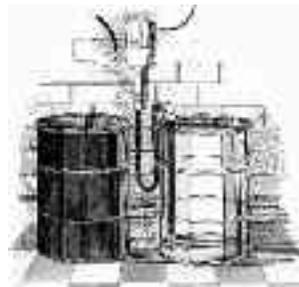
5:1 pressure ratio stub pump assembly comes complete with 84933 bare stub pump, 85935 pump cover kit, 73024 oil connecting hose, 72024 air connecting hose, 241584 90° volume union elbow, 815 air coupler, 11659 air nipple and 84538 bung bushing. Delivers a uniform six gallons of product per minute free delivery.

### Versatile Stub Pump Mounting Options



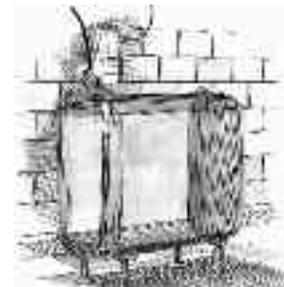
**Standpipe and wall mount assembly to remote bulk tanks**

3:1 (282398) or 5:1 (84934) pump, wall mount kit (84940), low level cut-off (84946) or foot valve (85765).



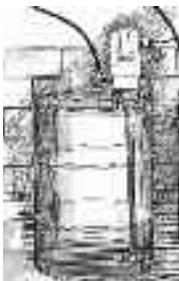
**Wall mount to any size drum**

3:1 (282398) or 5:1 (84934) pump, wall mount kit (84940), suction kit (84945) and low level cut-off (84946) or foot valve (85765).



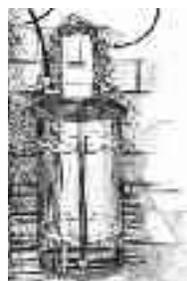
**Above ground tank**

(275-gallon tank shown) 3:1 (282398) or 5:1 (84934) pump and universal suction kit (85949).



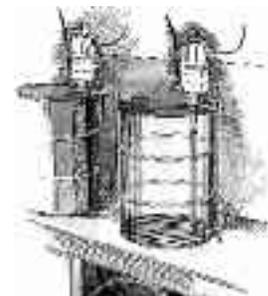
**55-gallon drum mount using bung bushing**

3:1 (282398) or 5:1 (84934) pump and 55-gallon drum suction (85755).



**16-gallon drum mount using drum cover**

3:1 (282398) or 5:1 (84934) pump, drum cover (46007) and 16-gallon drum suction kit (85716).



**55-gallon drum mount on lube truck using drum cover**

3:1 (282398) or 5:1 (84934) pump, eyebolt kit (84941), drum cover/tie-down kit (83115) and 55-gallon drum suction kit (85755).



2424



83447



284168



284231

### Series 25 • 3:1 • Motor Oil, ATF, Gear Lube and Other Fluid Lubricants

#### Shop/Garage Applications— 16-Gallon Drums

##### Model 2437

Complete with pump, 73060 lubricant connecting hose, 241584 volume elbow, 72060 air connecting hose, 815 air coupler, 11659 air nipple.

##### Model 83447

Pump elevator assembly lifts pump assembly clear of drum for easy, one person drum changes. Helps prevent introduction of foreign material into grease during drum changes. Height with drum is 39<sup>3</sup>/<sub>8</sub>" , 67<sup>1</sup>/<sub>4</sub>" with elevator raised. Drum not included.

#### 55-Gallon Drums

##### Model 2424

Comes complete with 282133 pump, 84538 2" NPT(m) bung bushing, to fit original 55-gallon bung opening drums, 241584 volume union elbow, 815 air coupler, 11659 air nipple, 73060 lubricant connecting hose and 72060 air hose.

##### Model 284168

Comes complete with 282396 pump and 85949 universal suction tube kit, 84538 bung bushing, air and lubricant connecting hose. Pumps oil, gear lube, ATF, etc. from tanks, drums.

#### Lube Truck/Mobile Applications— 55-Gallon Drum

##### Model 284231

Contractor pump assembly for 55 gallon drums, comes complete with 282133 pump, 84941 eyebolt kit and 83115 drum cover with tie down assembly providing a rigid and sealed drum mount for protection against the elements. Air coupler and air nipple also included.

All models based on the 282396 series 25 3:1 bare oil pump which delivers 6 gpm free flow plus a suction tube.

### Series 25 Oil Pumps

Model	Description	Bare Pump No.	Free Delivery	Ratio	Drum Size	Air Inlet	Material Outlet	Use/ Location
282133	Bare drum pump	282396	6 gallons	3:1	55-gallon	1/4" NPT	1/2" NPT	replacement
282396	Bare stub pump	282396	6 gallons	3:1	stub/universal	1/4" NPT	1/2" NPT	universal
2424	Stationary	282133	6 gallons	3:1	55-gallon	1/4" NPT	1/2" NPT	shop
2437	Stationary w/ suction kit 85716	282396	6 gallons	3:1	16-gallon	1/4" NPT	1/2" NPT	shop
282398	Stub pump assemb.	282396	6 gallons	3:1	stub/universal	1/4" NPT	1/2" NPT	universal
284168	Stationary tank	282396	6 gallons	3:1	250-/275-gallon	1/4" NPT	1/2" NPT	shop
284231	Lube truck	282133	6 gallons	3:1	55-gallon	1/4" NPT	1/2" NPT	lube truck



### Series 40 • 5:1 • Motor Oil, ATF, Gear Lube and Other Fluid Lubricants

#### Shop/Garage Applications—16 Gallon Drums Model 2537

Complete with pump, 73060 lubricant connecting hose, 241584 volume elbow, 72060 air connecting hose, 815 air coupler, 11659 air nipple, drum cover 46007.

#### Model 83447

Pump elevator assembly lifts pump assembly clear of drum for easy, one person drum changes. Helps prevent introduction of foreign material into grease during drum changes. Height with drum is 39<sup>3</sup>/<sub>8</sub>" , 67<sup>1</sup>/<sub>4</sub>" with elevator raised. Drum not included.

#### 55-Gallon Drums Model 2524

Comes complete with 285133 pump, 84538 2" NPT(m) bung bushing, to fit original 55-gallon bung opening drums, 241584 volume union elbow, 815 air coupler, 11659 air nipple, 73060 lubricant connecting hose and 72060 air hose. Order drum cover 81523 separately.



#### Model 285168

Comes complete with 84933 pump and 85949 universal suction tube kit, 84538 bung bushing, air and lubricant connecting hose. Pumps oil, gear lube, ATF, etc. from tanks, drums.

#### 55-Gallon Drum Model 285231

Contractor pump assembly for 55-gallon drums, comes complete with 285133 pump, 84941 eyebolt kit and 83115 drum cover with tie down assembly providing a rigid and sealed drum mount for protection against the elements. Air coupler and air nipple also included.



All models based on the 84933 Series 40 5:1 bare oil pump which delivers 6 gpm free flow plus a suction tube.

### Series 40 Oil Pumps

Model	Description	Bare Pump No.	Free Delivery	Ratio	Drum Size	Air Inlet	Material Outlet	Use/ Location
84933	bare stub pump	84933	6 gallons	5:1	stub/universal	1/4" NPT	1/2" NPT	universal
285133	stationary 16 gal.	84933	6 gallons	5:1	55-gallon	1/4" NPT	1/2" NPT	replacement
2524	stationary 55 gal.	285133	6 gallons	5:1	55-gallon	1/4" NPT	1/2" NPT	shop
2537	stationary 16 gal. w/ suction kit 85716	84933	6 gallons	5:1	16-gallon	1/4" NPT	1/2" NPT	shop
84934	stub pump assembly	84933	6 gallons	5:1	stub/universal	1/4" NPT	1/2" NPT	universal
285168	stationary tank	84933	6 gallons	5:1	250- or 275-gal.	1/4" NPT	1/2" NPT	shop
285231	lube truck	285133	6 gallons	5:1	55-gallon	1/4" NPT	1/2" NPT	lube truck

### 3:1 Ratio • Corrosive Fluids

#### Series 20 Pumps/ 3:1 Press. Ratio

#### Model 84145-9 Stainless Steel

For pumping synthetic hydraulic oil, antifreeze or corrosive products. Pump may be coupled to stand pipe, mounted with bracket and suction kit or pump tube extension may be added for bung mounting to bulk tank, 2.5-gallon a minute free delivery. Pump tube constructed of 316 stainless steel and features Teflon® packings, air inlet 1/4" NPT(f), material outlet 1/2" NPT(f) comes with air coupler and plug and 84147-9 product check assembly.

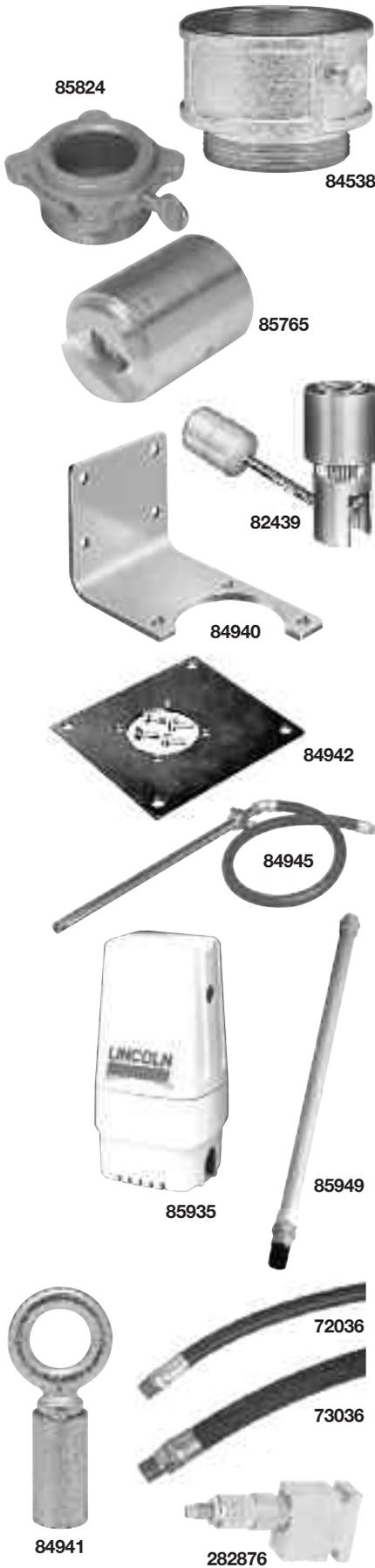
#### Model 84080-9 Stainless Steel

Recommended for use with antifreeze, solvents and windshield washer solution. 316 Series stainless steel construction and Teflon® packings assures long life. 3:1 ratio pump for transfer of corrosive or toxic fluids. Mounts on 55-gallon bung opening drums. Delivers 2.5 gpm. Lasts longer than carbon steel models in corrosive service. Maximum air pressure 125 psi.



#### **WARNING**

For safe and proper use, always consult instructions accompanying product. See **Safety Warning Information** for appropriate warnings.



### Series 25 & 40 Bung Bushing / Low-Level Cut-Off / Foot Valves

Model	Description	Threaded Connection	Notes
84538	Pump bung bushing	2" (m)	Mounts series 25 or 40 pump to 2" oil drum opening
85824	Bung bushing	2" NPT(m)	Mounts PMV pumps to 55 gal. drum or custom-built tanks
82439	Low-level cutoff	1 1/2" NPT(m)	Used with "new oil" oil pumps
84946	Low-level cutoff	1" NPT(m)	Used with "new oil" oil pumps
85765	Foot valve	1" NPT(f)	Used with "new oil" oil pumps

### Wall Mount Kits

Model	Description	Notes
84940	Wall-mount kit—Series 25 & 40	Used with 84945 Suction Kit
84942	Flange-mount kit—Series 25 & 40	Mounts pump to custom made tanks (lube trucks)

### Suction Kits

Model	Description	Threaded Connection	Notes
84945	Remote suction kit	1" NPT(f)	Includes 5' oil hose, bung bushing and 1" x 32" pipe
85716	16-gal. drum suction kit	1" NPT(m)	Adapts any series 25 or 40 oil pump to 16-gallon drum
85755	55-gal. drum suction kit (steel)	1" NPT(m)	Adapts any series 25 or 40 oil pump to 55-gallon drum
85949	Universal suction kit	1" NPT(m)	Adapts any series 25 or 40 oil pump to drum or tank use

### Pump Covers

Model	Description	Notes
84935	Pump cover	Series 20 pumps
85935	Pump cover	Series 25 & 40 pumps

### Hose

Model	Description	Threaded Connection	Notes
72036	3' low-pressure connecting	1/4" NPT(m)	Max working pressure: 250 psi
72060	5' low-pressure connecting	1/4" NPT(m)	Max working pressure: 250 psi
73036	3' medium-pressure connecting	1/2" NPT(m)	Max working pressure: 1000 psi
73060	5' medium-pressure connecting	1/2" NPT(m)	Max working pressure: 1000 psi

### Eye-Bolt Kit

#### Model 84941

Eye bolt kit for all series 20, 25 and 40 pumps, makes drum changing easy. Two part kit screws directly onto pump for lifting with pump elevator.

### Shut-Off Valves

See *Fittings and Accessories* section for pump shut-off valves.

### Thermal Pressure Relief Valve

#### Model 282876

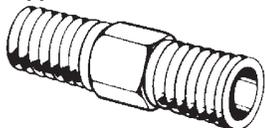
Protect lube system components from high-pressure spikes caused by temperature change in a closed fluid network.

Model	Application	Pre-Set Relief Pressure	Port Size
282876	Piston Pumps	1000 psi (68 bar)	1/2" NPT
282902		150 psi (10 bar)	
275197		500 psi (34 bar)	
282957		1500 psi (105 bar)	

### Reducing Bushing



### Nipples



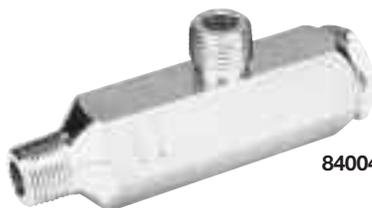
### Reducing Couplings



778



66084



84004

### Reducing Bushings

Model	Thread	Construction
10200	1/8" NPT(f) x 1/2"-27 (m)	Brass
10204	1/4" NPT(f) x 1/2"-27 (m)	Brass

### Reducing Couplings

Model	Thread	Construction
11852	1/8" NPT(f) x 1/2"-27 (f)	Steel
10522	1/4" NPT(f) x 1/2"-27 (f)	Brass

### Nipples

Model	Thread	Construction
10130	1/8" NPT(m) x 1/8" NPT(m)	Steel
10199	1/8" NPT(m) x 1/2"-27 (m)	Brass
10462	1/4" NPT(m) x 1/4" NPT(m)	Steel
10198	1/4" NPT(m) x 1/2"-27 (m)	Brass
10540	3/8" NPT(m) x 3/8" NPT(m)	Steel
11107	3/8" NPT(m) x 1/2" NPT(m)	Steel
11197	1/2" NPT(m) x 1/2" NPT(m)	Steel
12957	1/2" NPT(m) x 1/2"-27 (m)	Steel
10202	1/2"-27 (m) x 1/2"-27 (m)	Brass
12296	3/4" NPT(m) x 3/4" NPT(m)	Steel

### Adapter Unions

Model	Thread	Description
66883	1/2" NPSM(f) swivel x 1/2" NPT(m)	Steel
69375	1" NPT(f) swivel x 1" NPT(m)	Steel

### Shut-Off Valves

#### Needle-Type Valves for Chassis Grease

Model	Thread	Description
778	1/4" NPT(f)	High Pressure
884	3/8" NPT(f)	High Pressure
885	1/2" NPT(f)	High Pressure

Maximum Working Pressure psi 10,000 / 680 Bar

### Quarter-Turn Valves

#### High Pressure

Control lever with "ON" on "OFF" positions provides visual check as to whether lubrication line is open or closed. Buna-N seals with Teflon® seat.

Model	Inlet/Outlet	Maximum Working Pressure (psi) / Bar
69503	1/2" NPT(f)	2000 / 138
69425	3/4" NPT(f)	2500 / 172
69423	1" NPT(f)	2500 / 172

### Medium Pressure

Model	Inlet/Outlet	Maximum Working Pressure (psi) / Bar
256200	1/4" NPT(f)	600 / 52
66084	1/2" NPT(f)	600 / 52

### Lubricant Filters

#### Model 84004

For mounting at pump outlet. Contains replaceable 140 micron stainless steel filter element 69524. 1/2" NPT(m) inlet and outlet. 1 3/8" hex. steel body. Maximum pressure 5000 psi. 100 mesh screen.