

MODEL 1387 PROFESSIONAL ROTARY FUEL PUMP



OWNER/OPERATOR RESPONSIBILITY

All instructions and warnings contained in this manual shall be read and understood by the owner/operator prior to operating this equipment.

It is the owner/operator responsibility to maintain the legibility of all warning and instruction labels.

The owner/operator shall retain this manual for future reference to important warnings, operating and maintenance instructions.

DESCRIPTION

FM certified fluid transfer pump for use with gasoline, diesel, kerosene, oil-based fluids, heating oils, motor oils, heavy & light oils, ATF, and antifreeze.

NOT SUITABLE FOR USE WITH WATER BASED FLUIDS (i.e. windshield washer fluid), SOLVENTS, NOR ACIDS.

PRODUCT FEATURES

- Easy installation
- FM certified for safe transfer of gasoline
- Extremely durable cast iron design, low-wear graphite three-vane impellers, high-strength precision fit grip
- Exceptional vacuum eliminates the need to prime pump
- Delivers fluid without the excessive splash common to other rotary designs
- Contains an 8 foot anti-static hose, non-sparking dispense nozzle and hose holder, flame arrestor and vacuum breaker
- Provides the portability and convenience of a manual design
- Excellent for demanding markets such as agriculture, construction, industrial and large service facilities
- Includes 2" male NPT bung adapter and telescopic pick-up tube to fit 16-55 gallon container depths with 2" bung
- Fully servicable

INSTALLATION AND ASSEMBLY

- 1) Slide the bung onto the top portion of the suction tube. Do not tighten.
- 2) Wrap the male suction tube threads with teflon tape or equivalent. Thread the suction tube into the inlet side of pump. (see marking on pump) tighten securely.
- 3) Extend the pick-up tube and place it into the drum's 2" bung opening.
- 4) Thread the bung bushing into the tank and tighten it securely.
- 5) Position the pump head at the desired height and angle and tighten the bung side bolt.
NOTE: if the pump position is too high the pick-up tube cannot capture fluid below the intake base.
- 6) Wrap the discharge spout threads with teflon tape or equivalent. Thread the discharge spout onto the output side of pump.
- 7) Attach the pump handle onto the pump shaft and secure with the hex nut. (torque to 40 ft-lbs)

- 8) Securely attach the non-sparking die-cast dispensing nozzle to the end of hose after wrapping with teflon tape or equivalent.
- 9) Securely attach the other end of hose to outlet tube after wrapping with teflon tape or equivalent.
- 10) Attach the non-sparking die-cast hose holder to the side of the pump by removing the cover bolt shown on the nozzle holder detail. Tilt the holder about 30° to prevent the loss of any fluid remaining in hose during use.
- 11) Retighten the bolt to secure into position. (torque to 50 in-lbs/4 ft. lbs.)

ATTENTION

- Discharge your body's static electricity before fueling by touching the vehicle/machine body away from the fuel fill area.
- Wear protective eyewear and clothing.
- Do not smoke near the pump.
- Do not use near fire or flame
- Store in a well ventilated area
- Use only Lincoln o.e. replacement parts

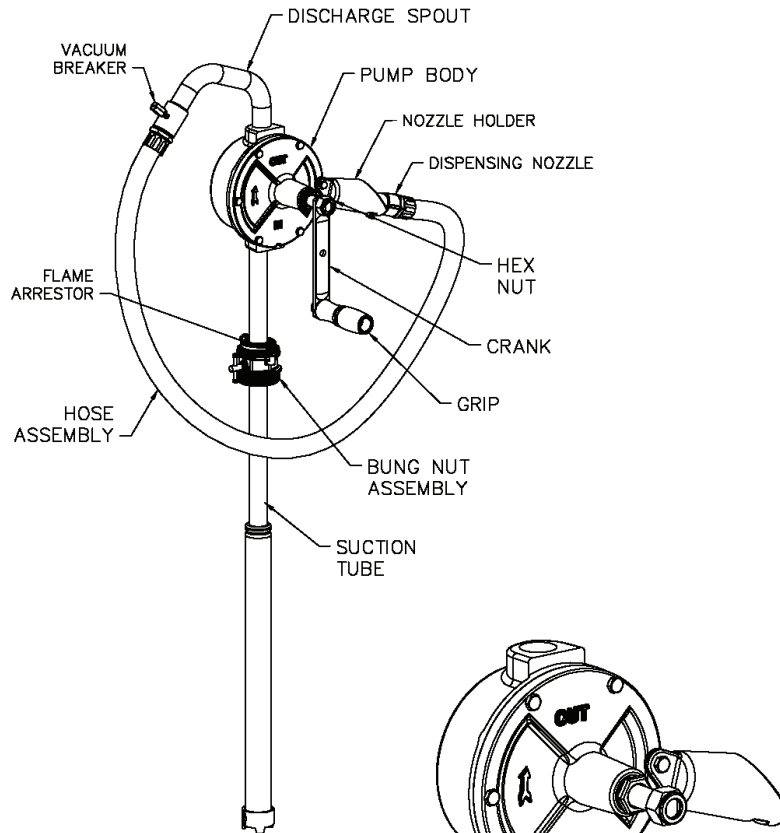


WETTED COMPONENTS

Cast Iron, Steel, Graphite, Paper Gasket, Polypropylene

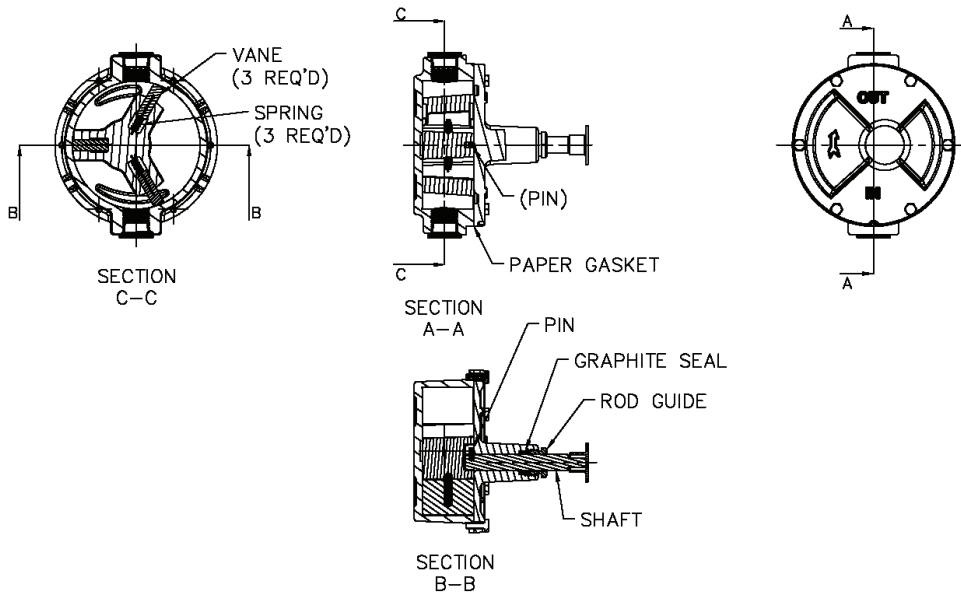
SPECIFICATIONS:

Maximum viscosity – SAE 140
Maximum fluid temperature: 250°F / 120°C
Output: 10 gallons (38L) per minute @ 120 RPM
Output per revolution: .35QTS / .33L
Mounting: 2 Inch NPT (M)
Adjustable suction tube length: 18" (46 cm) to 34.5" (87.5 cm)



MODEL
1387

NOZZLE
HOLDER
DETAIL



**MODEL 1387
PROFESSIONAL ROTARY FUEL
PUMP**



MODEL	1387
SUCTION TUBE	277188
HANDLE ASSEMBLY	277189
GRIP	
CRANK	
HEX NUT	
BUNG NUT ASSEMBLY	277192
HOSE ASSEMBLY	277193
VANE REPAIR KIT	277202
VANE (3 RE'D)	
VANE SPRING	
PAPER GASKET	
DRIVE SHAFT REPAIR KIT	277190
SHAFT	
GRAPHITE SEAL	
ROD GUIDE	
SHAFT PIN	
ACCESSORY KIT	277201
DISCHARGE SPOUT	*
HEX NUT FOR HANDLE	*
DISPENSING NOZZLE	*
NOZZLE HOLDER	*
VACUUM BREAKER	*

*INCLUDED IN ACCESSORY KITS
LISTED DIRECTLY ABOVE

TROUBLE SHOOTING		
SYMPTOM	PROBABLE CAUSE	CORRECTIVE ACTION
Pump fails to move fluid	1. Pick-up tube not extended into fluid.	Verify tube is extended below the fluid depth in drum.
	2. Poor seal between suction tube and pump.	Reapply teflon tape to the male suction tube threads and tighten securely.
	3. Debris in pump vanes.	Remove handle and cover plate, remove any debris, check for worn or scored components. Replace as necessary.
Low flow rate	1. Poor seal between suction tube and pump.	Reapply teflon tape to the male suction tube threads and tighten securely.
	2. Debris in pump or pump tube, discharge spout or hose	Remove handle and cover plate, remove any debris. Clean hose, pick-up tube and/or discharge spout.
	3. Worn internal parts	Remove handle and cover plate, remove any debris, check for worn or scored components. Replace as necessary.
	4. Kinked or damaged hose	Replace hose.
Pump seized or handle turns hard	1. Debris in pump or pump tube.	Remove handle and cover plate, remove any debris. Clean pick-up tube.
	2. Pump rusted or components swelled or damaged from improper fluid use.	Check for housing rust, worn or swollen seals. Replace as necessary.
Leaking from rod guide.	Rod guide needs adjustment.	<ol style="list-style-type: none"> 1 Using 1 in. wrench, tighten the rod guide in 1/4 turn increments in clockwise direction. 2 Rotate the shaft by handle and check for leakage. 3 Repeat step 1 if leakage is found. 4 Repeat step 1 and 2 until leakage is stopped. 