

## ELECTRIC OIL PUMPS

The Liquidynamics family of Electric Oil Pumps are designed to provide an effective alternative solution to pumping viscous fluids such as engine and gear oil, as well as non-viscous fluids such as hydraulic fluid, transmission fluid and 100% (non-mixed) antifreeze. Pumps are intended for indoor use only.

Advantages to using Electric Oil Pump includes; air compressor not being required, quiet operation, non-pulsating flow for

improved metering accuracy and reduced maintenance. Please contact Liquidynamics to ensure correct pump choice for your specific application. Variables to consider when choosing an electric pump include fluid viscosity, fluid temperature, plumbing length, plumbing diameter, suction distance and any pertinent restrictions such as hose reels, control valves, elbows, etc.



P/N 33221 shown

### P/N 33221

A great choice for use in transfer of medium and high viscosity fluids up to 2,000 centistoke. Maximum discharge pressure of 170 PSI with full bypass at 240 PSI. Uses specially designed steel gears for efficient and quiet transfer of fluids such as engine oils, gear oils, etc. Manual on/off switch integrated into electrical connection box.

### P/N 33222

Same design as P/N 33221 but utilizes a 2.0 HP motor for additional pressure and flow rate capability. Will pump up to 4.0 GPM with pressure up to 325 PSI and is rated for continuous operation. For use with fluids up to 2,000 centistoke.



### P/N 33250

This high flow pump has an adjustable bypass for pressures up to 80 PSI and is ideal for transferring larger quantities of light oils, hydraulic and transmission fluids, 100% antifreeze and similar fluids over short distances. Manual on/off switch, 115 VAC motor with short extension cord and plug for easy connection.



### 20 GPM High Volume Oil Transfer Pump

#### P/N 33223

Pump is ideal for transferring larger quantities of light weight oil (up to 165 cps), hydraulic fluid, transmission fluid and antifreeze including 50/50. The bronze construction allows this pump to be used for bulk transfer of premix antifreeze as well as other water based fluids.

Pump system includes 2 HP 115/230 VAC motor, 20 GPM pump w/1" NPTF inlet/outlet, 30 mesh inlet strainer, heavy duty rotary ON/OFF switch and 25' of 12 gauge, 3 wire grounded power cord.

If this pump is intended for applications where the discharge flow can be shut off, a bypass valve must be installed to prevent pump and/or motor damage. Order P/N 950057 separately (shown below) for this purpose. Bypass flow should be directed back into tank to prevent fluid and pump from overheating.

Note: Use for pumping non-flammable fluids.

### 3/4" Bypass Kit

#### P/N 950057

Bypass kit protects P/N 33223 High Volume Oil Transfer Pump in cases where fluid flow is shutoff at discharge, pump fluid is then bypassed to protect pump and motor from damage. Kit includes 1" x 1" x 1" 'T' fitting and 3/4" preset bypass valve, set at 60 PSI maximum.

Note: plumbing (hose) from bypass valve to tank return is responsibility of user.

