LIGHT OIL PUMP & MOTOR ASSEMBLIES
Model LO-100 & 200

- 50 or 100 PSI Design Discharge Pressures
- From 20 to 2100 GPH Flow Rates
- Useful as a Replacement For Aged Assemblies

The Model LO-100 & 200 series light oil pump and motor assemblies are compact, direct drive units designed to meet the performance and reliability standards demanded in commercial, industrial and institutional applications. The pump and motor assemblies are for No. 2, No. 4, and diesel oils.

Typical Applications
- Diesel Generators
- Fuel Transfer
- Oil Burners
- Fuel Oil Circulating Loops
- Day Tanks

Construction
Built for maximum life, peak performance, and quiet operation, the pump and motor are precisely aligned on a one-piece, structural steel channel base. The shafts are directly connected with a flexible coupling; rotating parts are protected by a rigid, closely fitting, steel OSHA guard. For easy access for inspection and service, components are through-bolted to the base and accessible from the top of the set.

The pumps are bi-rotational, positive displacement, internal gear types with cast iron housings and Buna-N self-adjusting mechanical seals. Being positive displacement pumps, the pumps require over-pressure relief valves for protection from an accidently closed or plugged discharge line. Pumps are suitable for both continuous and intermittent duty. Standard motors are base-mounted, have standard N.E.M.A. frames and are Total Enclosed Fan Cooled (TEFC).

Suggested Specifications
Oil pump and motor assemblies shall be factory assembled on a structural steel channel base and shall include a base mounted motor directly connected by a flexible coupling to a bi-rotational, internal gear pump, having self-adjusting mechanical seals and cast iron housing. Rotating parts shall have a steel OSHA guard. The sets shall be prime coated and finished with an oil, water and solvent resistant, polyurethane enamel. Pump and motor assemblies shall be Preferred Utilities Manufacturing Corp., Danbury, CT. LO__rated at ____ GPH of (No. 2), (No. 4), (Diesel) oil against a discharge pressure of ___ PSI.

Specifications subject to change without notice.
Pump & motor assemblies ratings are nominal at pressures shown with maximum 10" Hg vacuum at pump inlet.

For non-standard motors or heavy oil pump and motor assemblies, please consult the factory.