

## SHURflo OIL CHANGE SYSTEM INSTRUCTIONS

### **FEATURES:**

**Suitable for Pumping:** Engine oil, automatic transmission fluids, anti-freeze solutions and low viscosity gear lubes

**Dry Run Capabilities:** Yes

**Pump Body:** Polypropylene

**Diaphragm:** Geolast, oil resistant

**Valves:** Buna-n

**Motor:** 12V DC with internal thermal protector

**Receiver:** Plastic with 3 Gallon [11.4 Liter]

**Battery Leads:** 8 feet [ 2.4m ] with alligator clips


**Suction Tube:** 8 feet [ 2.4m ], 1/4" OD, oil and heat resistant

**Dimensions:** 15 1/2" [ 393mm ] high


**Weight:** 6.4 lb [ 2.9kg ]




**WARNING** Explosions hazard. DO NOT PUMP GASOLINE OR DIESEL FUEL. Take necessary precautions to rid area around battery of potential explosive gases. Run your bilge blower motor for additional protection. Continue ventilation during oil changing procedure. Failure to do so can result in explosion. Injury or death can occur.




**CAUTION** Oil may be HOT! When performing oil change procedure use adequate eye protection, appropriate gloves and clothing.



**WARNING** Explosions hazard. Motor switch MUST be in "OFF" position when connecting and disconnecting alligator clips to battery terminals and ground. The switch in an "ON" position can cause an electrical spark which can result in explosion. Injury or death can occur.



**CAUTION** Pump is equipped with an automatic thermal breaker. In the event of overload or high temperature, the circuit will "open". Once the motor temperature is within proper limits, it will automatically reset and the pump will start operation without warning.



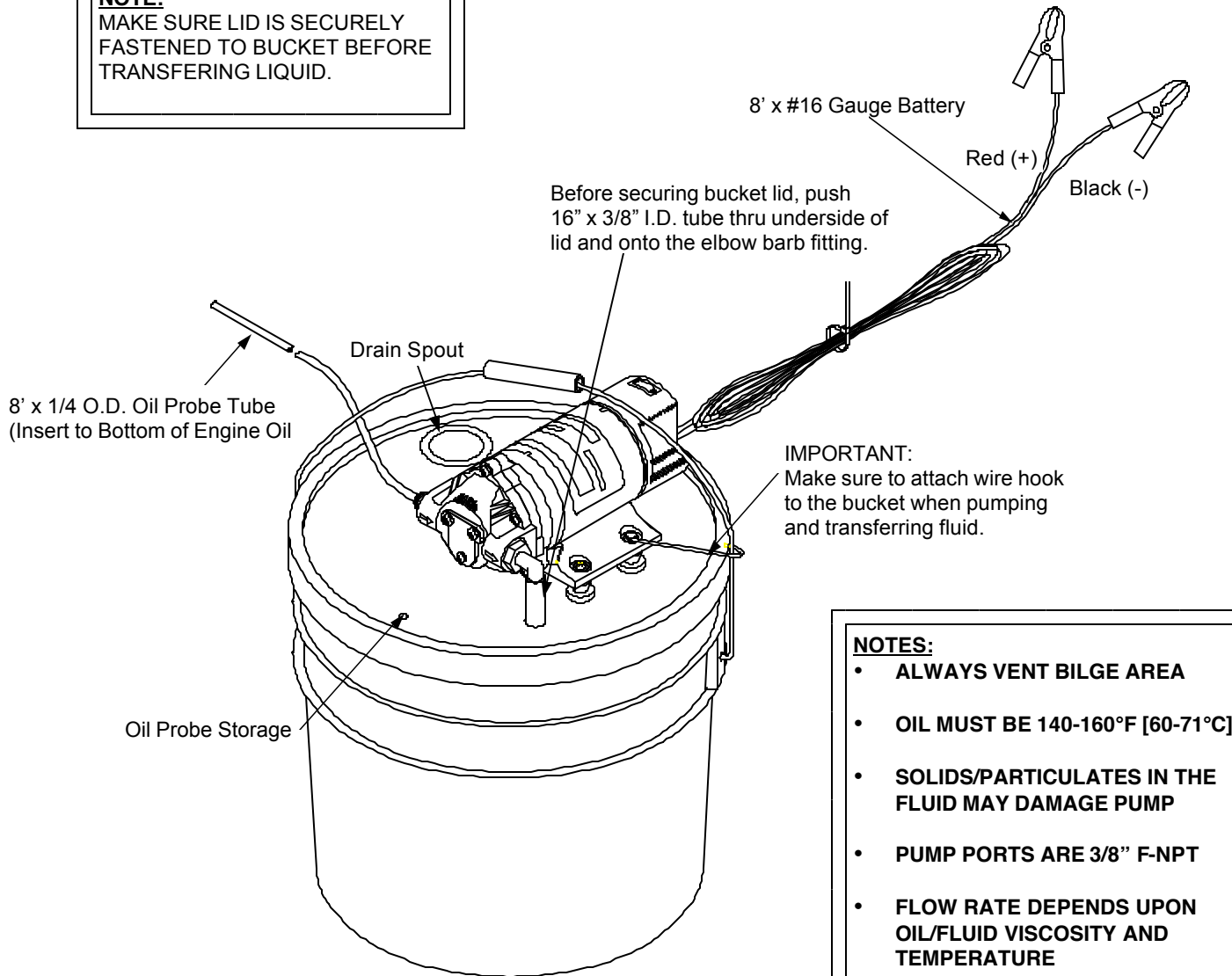
### **OPERATING INSTRUCTIONS:**

1. Vent bilge area. Run the engine for 5 to 10 minutes to heat up and thin oil. Oil should be 140°F-160° F [60°-71°C]. Turn off engine prior to removing oil.
2. Remove dipstick and insert the oil probe tube making certain it is at the bottom of the oil pan. It may help to measure the probe against the dipstick, add an inch and mark the probe.
3. Check that pump switch is in OFF position. Connect red (+) clip to battery (+) terminal. Connect black (-) clip to (-) ground terminal.
4. Energize the pump by turning switch, located on the motor rear end-bell to the "ON" position. Turn off pump when oil removal is completed. It will be easy to detect through the clear tube. Do not worry about running pump dry, pump has run dry capabilities.
5. Remove probe from dipstick tube while wiping with a rag to prevent oil spills.
6. To empty the container, pull up the retractable pour spout and pour the oil.
7. Please recycle or dispose of used oil and fluid in a responsible manner that is friendly to our environment. Please check the laws of your state and follow all USCG regulations.
8. To store, wrap tubing around pump loosely and insert oil probe tube into the small hole in the lid.

**NOTE:** This pump is suitable for engine oil, automatic transmission fluids, anti-freeze solutions, and low viscosity gear lubes.

**NOTE:**

MAKE SURE LID IS SECURELY FASTENED TO BUCKET BEFORE TRANSFERRING LIQUID.

**NOTES:**

- ALWAYS VENT BILGE AREA
- OIL MUST BE 140-160°F [60-71°C]
- SOLIDS/PARTICULATES IN THE FLUID MAY DAMAGE PUMP
- PUMP PORTS ARE 3/8" F-NPT
- FLOW RATE DEPENDS UPON OIL/FLUID VISCOSITY AND TEMPERATURE

**LIMITED WARRANTY**

SHURflo warrants Diaphragm Pumps to be free from material and workmanship defects under normal use and service for a period of one (1) year from the date of manufacture or one (1) year of use with proof of purchase, not to exceed (2) years in any event. The limited warranty will not apply to pumps that were run dry, misapplied, or are incompatible with components not manufactured by SHURflo. Pump failure due to debris or chemical incompatibility is not covered under the terms of this limited warranty. SHURflo will not warrant any pump that is physically damaged, or altered outside the SHURflo factory. Warranty claims may be resolved by an authorized dealer service center, or by SHURflo. For complete warranty details, please call your closest SHURflo office.



★ ISO Certified Facility SHURflo reserves the right to update specifications,

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