



FINISH THOMPSON INC.

## Special DEF Kit Instructions

### P/N 107557

You have just received a drum pump kit for pumping “DEF” Diesel Exhaust Fluid. Your kit should include a drum pump tube, drum pump motor, 8’ of special “DEF” EPDM hose, 2 hose clamps, automatic SS discharge nozzle & sealed bung adapter. Please follow these instructions to properly assemble & operate your DEF Drum Pump.

#### Assembly Instructions:

1. **Motor** - Assemble the motor to the drum pump tube. Refer to the motor manual also supplied with this kit.
2. **Bung Adapter** - Install the sealed bung adapter on the drum pump tube. The bung adapter has a PTFE encapsulated o-ring. **Note:** Due to purity issues with using DEF, we do not recommend using a petroleum-based lubricant on any wetted part. Carefully slide the bung adapter onto the bottom of the drum pump tube taking care not to damage the PTFE o-ring. Slide it up the tube just under the discharge fitting.
3. **Discharge Hose** - Install one end of the hose onto the drum pump tube discharge fitting and secure it with one of the hose clamps. **Note:** Due to purity issues with using DEF, we do not recommend using a petroleum-based lubricant on any wetted part.
4. **Automatic SS Discharge Nozzle** - Install on the other end of the discharge hose using the other hose clamp. **Note:** Due to purity issues with using DEF, we do not recommend using a petroleum-based lubricant on any wetted part.

#### Operation & Maintenance:

The Drum Pump DEF Kit is for use in pumping DEF out of drums, totes & many other containers.

1. **Bung Adapter** - The kit includes a sealed bung adapter that uses a 2” buttress (coarse) thread. Most plastic drums and totes use this thread. Please verify the type of threads on your container. The adapter uses two filtered vents that prevent contaminants from entering through the top of the container but allow air in so the pump can pump the liquid out. Flow rate should be limited to 10 GPM to prevent possible collapsing and damage to the container. If the bung adapter filters get dirty, clean by unthreading them (right hand thread) and washing them in a soapy water solution. Make sure the filters are rinsed thoroughly and dried prior to reinstallation.
2. **Automatic SS Discharge Nozzle** - The automatic discharge nozzle can be used to regulate the flow from your container into another container or directly into the car or truck’s DEF reservoir. The nozzle has an auto shut off feature that closes when it comes in contact with liquid preventing unintentional overfilling & spillage.
3. **Purity** - Due to the importance of keeping the DEF as pure as possible and free of contaminants, it is recommend to only use this pump for pumping DEF. **Do not pump other chemicals.** When removing the pump and nozzle from one container to place in the next, take care to not lay it down on a dirty floor or table. If the pump becomes contaminated or dirty, rinse it thoroughly with water and dry it prior to reinserting it into a new container.

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