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TECH TIP - Vibratory Pump Maintenance

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My circulating pump on my vibratory machine isn't working... What can I do to fix it?

This is one of the questions we receive at the shop frequently. Most of the time we can get the pump functioning again by just cleaning out the pump. The pump has a nasty job, even with a filter the water is still full of contaminants. Often a pump that fails to pump water can be traced back to a lack of maintenance. If you want to extend your pump life make sure your filters are regularly cleaned and the water is flushed on a regular basis.

But what can you do now that your pump is not functioning. Follow these simple instructions to check for sediment obscuring your impellor.

WARNING: UNPLUG THE UNIT BEFORE ATTEMPTING TO SERVICE OR REMOVE ANY COMPONENT! CAUTION: This unit is permanently lubricated. Oiling is not required. Do not open the sealed portion of the unit or remove housing screws. Periodic cleaning of the pump parts will prolong the life and efficiency of the pump.

Refer to drawing for the assembly and disassembly of the pumping head.

1. Lightly clean any corrosion or debris that may clog the impeller. Use a brush and penetrating oil and lightly scrape.
NOTE: Do not allow sediment from vibratory to build up and restrict the flow of fluid into the pump.

2. Turn the impeller by hand to make sure it is free. If it does not turn or if pump is tripping circuit breaker, or not operating properly after cleaning, remove the pump from service and order a new pump. *When ordering please note the voltage of your current pump.* Do not attempt repairs yourself. If it does turn, replace volute and re-install.

3. Be certain power cord has no nicks or cuts.

Do not remove housing screws. Will void warranty,

