

Fluid Pump Maintenance

My pump is running rough. What can I do to trouble shoot it without replacing the entire pump?

There are two styles of washer fluid pumps that are normally used to deliver spray impingement to clean the parts: side mount pumps and vertical barrel mount pumps.

The difference in these two pump styles affects the operator in only two ways: cleaning the pump inlet filter and pulling the pump from the unit for repair.

Side mount pumps use a cylinder screen as a pump inlet filter. It screws into the base of the pump housing. In order to unscrew it and clean it, the operator must reach down into the cleaning solution and unscrew it from the base, then clean or replace it, and then screw it back into location. (Use appropriate PPE based upon the solution and the temperature of the solution.)

A vertical barrel mount pump utilizes a flat inlet pump screen. This pump screen has a handle that allows the operator to pull the screen up and out of the tank. The screen is then cleaned and slid back into position.

A side mount pump can only be removed when the tank is empty, while the vertical barrel mount pump can be removed with a forklift while the tank is full.

Once the pump is removed the pump base can be taken apart and cleaned by removing the fan shroud and cleaning both the interior of the cover and the fan blade.

When inlet filters are clear and pump base is clean then pump should run efficiently.

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Because Crown is here to help I hope this helps get you up and running.
I do however realize not every problem can be solved online.
Please don't hesitate to call or email me for further assistance.
Crown is here to help.

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