MB-3 STORING WITHOUT FEED PUMP

If your feed pump fails there are a number of ways to protect the membrane until repairs can be made.

1. If you have an MPC-3000, try auto flush with the pump in place and the pressure relief open and see if the pump stillworks well enough in combination with the domestic water pressure to auto flush the system until repairs can be made, or you can by-pass the feed pump by jumping the pump suction and discharge hoses together. If you open the pressure relief knob ½ turn the domestic water pressure should be enough to auto flush the system without the feed pump. Note: If the Clark Pump does not cycle no flush water will pass through the membrane housing.

2. If the problem is a spun vane pump shaft you can repair it by pinning the pump shaft. See VP-1 VANE PUMP DRIVE FAILED.

3. You can temporarily put any spare water pump of the correct voltage and similar flow rate that you might have, such as a wash down pump, in place of the feed pump and pickle in the usual waydescribed in the owner's manual.

4. You can pickle the membrane manually. To do this, disconnect the ½ inch black high pressure hose at the compression fitting on the Clark pump high pressure inlet. Disconnect the other high pressure hose at the membrane. Mix up about a third of a jar of SC-1 storage chemical in a gallon of chlorine free water and pour it into the membrane using a small funnel which will make a tight seal to the high pressure hose still connected to the membrane. The excess will run out the other end of the membrane. Then reconnect the hoses.

Be sure to open the pressure relief valve when you pickle the membrane to prevent accidentally pressurizing it while pickled the next time you start the unit.

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