



Vacuum Pad Troubleshooting Tool

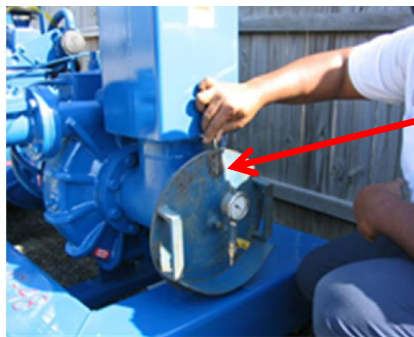
A helpful troubleshooting tool called the Vacuum Pad is available from Thompson Pump to assist with diagnosing pump problems. The Vacuum Pad test procedure is as follows:

- Step 1: Disconnect suction piping from pump inlet.
- Step 2: Close the drain valve on the pump casing.
- Step 3: Start engine and allow to run at idle for a few minutes.
- Step 4: Place the Vacuum Pad over the inlet of the pump.
- Step 5: Increase the engine speed to the maximum setting.
- Step 6: Allow the pump to continue operating until the vacuum gauge reading reaches its highest level.

If vacuum gauge reads low (less than 24" Hg), check the following:

- Check that the Vacuum Pad is completely covering the suction inlet and is not leaking air.
- Check that volute drain valve is closed.
- Check the cleanout covers for leaks.
- Check mechanical seal for leaks.
- Check discharge checkvalve for leaks.

If vacuum gauge reads 24" Hg or higher, then pump is operating normally and the problem is with the installation or piping system.



Vacuum Pad