



Pratissoli

Trouble shooting

Pump does not produce any noise

Pump pulsates irregularly
Pump does not supply nominal flow
Pump is too noisy
Pump pressure insufficient
Pump is overheating



What's wrong with your pump ?



Pump does not produce any noise

- Pump is not primed and is **running dry**
- Valves are blocked
- Outlet line is closed and does not allow air in the pump head to come out



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What's wrong with your pump ?



Pump pulsates irregularly

- Air suction.
- Insufficient water supply.
- Bends, elbows, fitting along the suction line are choking the water passage.
- Suction filter is dirty or too small.
- Booster pump, where installed, is supplying insufficient pressure or flow rate.
- Pump is not primed due to insufficient head or the outlet is closed during priming.
- Pump is not primed due to valve jamming.
- Worn valves.
- Worn pressure seals.
- Relief valve (pressure regulator) by-pass line choked.
- Pump drive system unbalanced
- Hydraulic pump drive system undersized



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What's wrong with your pump ?



Pump does not supply nominal flow

- Insufficient water supply.
- Pump speed is lower than rated (rpm).
- Excessive flow by-passed by the pressure regulator.
- Worn valves
- Worn pressure seals.
- Water temperature is too high.



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Pump is too noisy

- Cavitation is occurring due to insufficient water supply.
- Cavitation is occurring due to water temp too high.
- Conrod bushings and/or crankshaft main bearings worn.





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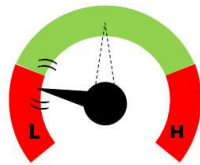
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Pump is overheating

- Pump pressure is higher than rated
- Pump speed is higher than rated.
- Oil level in the crankcase is low.
- Oil is not of the recommended type.
- Oil is exhausted.
- Joint or pulley alignment is incorrect.
- Excessive pump tilt during operation

