



Symptoms & Causes of Hydraulic Pump Failures

	Pump does not deliver liquid	Pump does not deliver sufficient capacity	Pump does not deliver sufficient pressure	Pump delivers flow intermittently
Pump not primed or prime lost	■	■	■	■
Suction and/or discharge valves closed or clogged		■	■	
Suction piping incorrect	■	■	■	
Insufficient NPSH available	■	■	■	
Excessive air entrapped in liquid	■	■	■	■
Speed (rpm) too low	■	■	■	
Incorrect rotation		■		
Broken impeller or bent vanes		■	■	
Incorrect impeller or impeller diameter		■	■	
System head too high		■		
Instruments give erroneous readings		■	■	
Air leak in suction				■
Impeller clogged	■			
Pump assembled incorrectly			■	