**Concrete Pump Checklist**

|  |  |  |
| --- | --- | --- |
| # | MAINTENANCE DESCRIPTION | INITIALS/DATE |
| 1 | Inspect hydraulic hoses and fittings for any signs of external wear or damage  Additional notes: |  |
| 2 | Inspect all wear parts and change as necessary ( excessive wear may cause inefficient performance and/or shutdown of operation)  Additional notes: |  |
| 3 | Change hydraulic fluid, clean the reservoir and the suction strainers within reservoir, and replace all hydraulic oil filters  Additional notes: |  |
| 4 | Complete inspection of the engine ( refer to engine manufacturer maintenance schedule for details) |  |
| 5 | Inspect mountings, bolts, brackets |  |
| 6 | Oil level proper, coolant level proper, check for leaks |  |
| 7 | Fuel system, tank mounting, filter condition, check for leaks, damaged lines |  |
| 8 | Battery hold down, condition, tightness of cables |  |
| 9 | Key switch, indicator lights operable |  |
| 10 | Throttle control functional |  |
| 11 | Air cleaner and muffler securely mounted |  |
| 12 | Pump cell check for structural damage, cracked welds |  |
| 13 | Hydraulic drive cylinders in good condition, secure, check for leaks |  |
| 14 | Material cylinders secure, tie rods tight |  |
| 15 | Water box structurally sound, clean, cover in place |  |
| 16 | S-Tube shift mechanism structurally sound, all pins an retainers in place |  |
| 17 | Hydraulic shift cylinders in good condition |  |
| 18 | Bearing housing, seals etc. In good condition |  |
| 19 | Hydraulic hoses secure no leaks  Additional notes: |  |
| 20 | Hopper check for structural damage, cracked welds |  |
| 21 | S-tube secure, in good condition |  |
| 22 | Check condition of wear plate, wear ring, seals |  |
| 23 | Check connection of S-Tube to outlet, seals, bearing |  |
| 24 | Hopper drain is functional |  |
| Additional Notes: | | |