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Suggested Maintenance
Haskel Liquid Pumps, All Series

The maintenance is dependent on the frequency of usage, condition of the air/hydraulic fluid being used and the, cycle rate, pressures, or any other conditions that may be detrimental to seal life. The following is a ***suggested*** scheduled maintenance index.

Moderate to Heavy Usage (for light usage, double intervals).

Performance Interval	***Maintenance Action***
Before/After each use.	a. Perform overall visual check of Pump. b. Drain and clean the air filter bowl.
Every 20,000 pump cycles. (Or 3-6 months)	a. Inspect and re-lubricate air cycling valve o-rings and Pilot Stems. ***(Replace if necessary)*** b. Check for fluid leaks from drain/vent ports and Check Valve assemblies. a. Check overall performance (pump up or cycle time). b. Check Air Drive tie rod bolts & Check Valve assemblies for external leakage. ***(Re-torque)***
Every 6 months.	a. Test all pressure gauges for function. b. Inspect and clean/replace air or hydraulic filters.
Every 12 Months.	a. Inspect piping at full system pressure.
Every 1000 - 3500 hours of Continuous usage.	a. Reseal pump.

Tools and Material Required:

- SAE wrench set, combination.
- Clean working surface, no oil, grease, dust, or moisture.
- Teflon Tape

Remember the importance in maintaining a high level of cleanliness of the tools and workbench. When the hydraulic section is dismantled, it is recommended the parts be cleaned with a residue free cleaning agent to make sure that no contamination will enter the pressure areas of the pump.

Haskel International
Customer Service Department