

## 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).**

<b><u>Performance Interval</u></b>	<b><u>Maintenance Action</u></b>
<b><i>Before/After each use.</i></b>	<ul style="list-style-type: none"> <li>a. Perform overall visual check of Pump.</li> <li>b. Drain and clean the air filter bowl.</li> </ul>
<b><i>Every 20,000 pump cycles. (Or 3-6 months)</i></b>	<ul style="list-style-type: none"> <li>a. Inspect and re-lubricate air cycling valve o-rings and Pilot Stems. <b><i>(Replace if necessary)</i></b></li> <li>b. Check for fluid leaks from drain/vent ports and Check Valve assemblies.</li> </ul>
<b><i>Every 6 months.</i></b>	<ul style="list-style-type: none"> <li>a. Check overall performance (pump up or cycle time).</li> <li>b. Check Air Drive tie rod bolts &amp; Check Valve assemblies for external leakage. <b><i>(Re-torque)</i></b></li> </ul>
<b><i>Every 12 Months.</i></b>	<ul style="list-style-type: none"> <li>a. Test all pressure gauges for function.</li> <li>b. Inspect and clean/replace air or hydraulic filters.</li> </ul>
<b><i>Every 1000 - 3500 hours of Continuous usage.</i></b>	<ul style="list-style-type: none"> <li>a. Reseal pump.</li> </ul>

### **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.

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