

Coolant Pump Troubleshooting Inspection Report

Technician		Cell#	
Serial Number		Date	
Model			
Type of coolant system			
standard flood coolant/HPFC	Standard flood	HPFC	
TSC/TSC ready/no TSC	TSC	TSC ready	No TSC
Why is the coolant pump being replaced?			
1a. What alarms are generated?			
1b. When does the alarm occur?			
2. Is the coolant system physically damaged?			
3. Other - Describe the issue:			
Applications and Maintenance			
4. What are they cutting on this machine? Type of material?			
5. Is the material generating fine chips?	Yes	No	
6. Do they have an Auxiliary filter appropriate for the kind of chips being generated? If yes note the type of mesh that is used in the notes section below.	Yes	No	
7. Has the coolant tank been checked for foreign objects?	Yes	No	
8. Is the coolant tank properly maintained by the customer?	Yes	No	
9. Did you note the type of coolant the customer using?	Yes	No	
10. Have you checked the coolant level both on the NGC and manually?	Yes	No	
11. Does machine have coolant refill?	Yes	No	
12. Is Coolant able to properly drain from the machine to the tank?	Yes	No	
13. Is the coolant concentration correct?	Yes	No	
Mandatory Troubleshooting			
14. Have you checked the coolant hose from the pump to the spindle head for any obstructions?	Yes	No	
15. Are you able to turn the pump motor assembly by hand?	Yes	No	
15a. Can you turn the pump by hand not attached to the motor?	Yes	No	
15b. Can you turn the motor by hand not attached to the pump?	Yes	No	
16. Is the breaker tripping?	Yes	No	
17. Have you measured the current on the motor?	Yes	No	Current
18. Is the machine phase correct phase?	Yes	No	
Through Spindle Coolant			
19. What is the pressure with a blocked tool or dead head?	Yes	No	
20. What is the pressure open?	Yes	No	
21. Is there coolant flowing to the head?	Yes	No	
Notes/ Observations:			

Attach this report, an error report, and any relevant documentation to a service notification in the Haas Service App.