

Coolant Pump Troubleshooting Inspection Report

Technician		Cell#	
Serial Number		Date	
Model			

Type of coolant system

Standard Flood		HPFC		
TSC/HPC		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 is 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
14. Is the intake filter clogged?	Yes	No
15. What is the DB reading 3 ft away from the pump?		dB

Mandatory Troubleshooting

16. Have you checked the coolant hose from the pump to the spindle head for any obstructions?	Yes	No
17. Are you able to turn the pump motor assembly by hand?	Yes	No
17a. Can you turn the pump by hand not attached to the motor?	Yes	No
17b. Can you turn the motor by hand not attached to the pump?	Yes	No
18. Is the breaker Tripping?	Yes	No
19. Have you measured the current on the motor?	Yes	No Current
20. Is the machine phase correct phase?	Yes	No

Through Spindle Coolant

21. Is there coolant flowing to the head?	Yes	No
22. What is the pressure open?	Yes	No
23. What is the pressure with TSC Pressure Tester Tool (T-0152)?		psi

Notes/ Observations:

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