

## Coolant Pump Troubleshooting Inspection Report

Technician		Cell#	
Serial Number		Date	
Model		Pump Serial number	

### Type of coolant system

Standard Flood		HPFC		No TSC	
TSC/HPC		TSC Ready			

### 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?	Yes	No	
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 in the operators area while the pump is running?			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)?	Yes	No	

### Notes/ Observations:

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