

Lathe spindle inspection Report

Technician		Cell#	
Serial Number		Date	
Model			

Type of Spindle	Main Spindle	Sub Spindle	
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1. What Alarm is being generated			
2. When does the alarm/sympton occur?	Start up	Shut Down	While Running
3. Is the Alarm resettable?	Yes	No	

4. Other - Describe the issue:

Mandatory Troubleshooting

5. Has a crash occurred?	Yes	No	
6. Is Servo overload alarm in the alarm history?	Yes	No	
7. Does the spindle lubricant source have enough lubricant? (For ST Lathes)	Yes	No	
8. Is the spindle fan operating correctly?	Yes	No	
8a. Is the spindle fan vibrating?	Yes	No	
8b. Is the spindle fan undamaged and clean?	Yes	No	
9. Is there noise coming from the belt area?	Yes	No	
9a. Has the spindle belt tension been verified?	Yes	No	Tension
9b. Is there any visible damage on the belt?	Yes	No	
9c. Is there any contamination on the belt?	Yes	No	
10. Is there excessive vibration on this machine when the spindle is running? If yes which spindle?	Yes	No	sub main
10a. Has a spindle vibration plot been run?	Yes	No	
10b. Is the plot with in Tolerance?	Yes	No	Tolerance
11. Has the lubrication system been checked for kinks, leaks, damage, or contaminants?	Yes	No	
12. Has the spindle been physically damaged?	Yes	No	
13a. Is there any visible damage on the drive gear and driven gear?	Yes	No	
13b. Is there any visible damage on the drive gear and driven gear for the C axis?	Yes	No	
14. Has the NCE gap been verified?	Yes	No	
15. Has the NCE alignment been verified?	Yes	No	
16. Has the spindle been balanced?	Yes	No	
17. Has a bottle test been run and was an adequate amount of oil collected? (For ST Lathes)	Yes	No	
18. Has a sight glass drip test been completed and was there enough drops per lube cycle? (For ST Lathes)	Yes	No	
19. Is there grease present on the front bearings? (For TL lathes and sub spindles)	Yes	No	
20. Is the grease discolored or has it been contaminated? (For TL lathes)	Yes	No	

Notes/Observations:

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

Answer these questions in the notes section