

LATHE WEEKLY MAINTENANCE CHECKLIST

This document provides a list of tasks that are recommended to be completed on a daily and weekly basis to ensure the proper maintenance and performance of a Haas lathe can be achieved.

Morning Tasks:

- Apply 3 pumps of grease to the hydraulic chuck at each zerk fitting.
- Check hydraulic pressure gauges. Ensure they are set to the correct operating levels.
- Warm up spindle. Run spindle at 500 RPM for 5 min.
- Check air lines for water. Depress the trigger on the air gun so any water present in the lines will be evacuated. If water issues persist, check the shop air.
- Check coolant level in control. Verify that it is in the proper operating range.
- Check air pressure in control. Verify that it is in the proper operating range.
- Check coolant concentration. Use a refractometer and verify that the concentration meets the manufacturer's specifications.

End of Day/Shift Tasks:

- Clear off all chips from waycovers.
- Check chip filter on top of coolant tank. Remove any excessive piles of chips present.

End of Week Tasks:

- Clear off chip build-up on top of turret and inside turret cavities.
- Inspect the air regulator pressure gauge in the lube panel on your machine. Verify that it matches the reading on the control and is within the acceptable operating range.
- Check the coolant float gauge and verify that it is operating properly and the displayed reading matches the actual level in your tank.
- Clear out chip build-up in the coolant collector.
- Check coolant concentration. Use a refractometer and verify that the concentration meets the manufacturer's specifications.
- Check the surface of the coolant tank for tramp oil. Remove any present.
- (Add-on)* Check auxiliary filter bag. Replace if necessary.
- (Add-on)* Grease barfeeder push rod and bushing. Use a generic lithium grease (i.e. Mobilgrease XHP 222)