Artisan Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Coy No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

TMM Type \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TMM No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- |
| Inspect and test the following when a TMM overhead | In Order | | Comments |
| Yes | No |
| **Offline Checks / Inspection** *(Perform these checks while the engine is off and the machine is locked out)* | | | |
| 1. Visually inspect the coolant level  *(Use only coolant to top up the coolant level)* |  |  |  |
| 2. Inspect the V belts  *(cracks, tension)* |  |  |  |
| 3. Inspect the radiator inlet and outlet hoses for leakages  *(clamps and bends)* |  |  |  |
| 4. Inspect the radiator for leaks and clean  (Make sure the radiator is clean for air flow) |  |  |  |
| 5. Inspect the fan blades |  |  |  |
| 6. Inspect the radiator cap  *( Seal, spring tension)* |  |  |  |
| 7. Inspect the fan shaft and hydraulic motor  *(Ensure the fan is secured to the motor and the key is in position)* |  |  |  |
| 8. Inspect the Tappet Cover for oil leaks  *(Inspect tappet cover for deformation / melting)* |  |  |  |
| 9. Perform a pressure test on the radiator and cooling system. *(Pressurise the cooling system with a pressure tester. The system pressure must hold for at least 5 minutes. If the pressure drops there is a leak which must be identified and corrected)* |  |  |  |
| **Running Checks / Inspection** *(Perform these checks while the engine is idling)* | | | |
| 10. Test the air flow and direction of the flow after starting the engine.  *(Flow must be from the engine towards the radiator and exit the rear-end of the machine)* |  |  |  |
| 11. Idle engine four 5min and check for water leaks.  *(On both sides of the engine, Check the sight glass for the correct level, )* |  |  |  |
| 12. Ensure no water is flowing out the overflow pipe. |  |  |  |