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Familiarization with service schedule, periodical service, 10 hours service schedule

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Introduction

- It is uneconomical to manufacture a tractor with materials which will run for the designed service life.
- Clean environment inside the engine is achieved by maintaining intake system, i.e.
 - 1) By cleaning pre cleaner periodically,
 - 2) By maintaining correct level of right grade of oil in air cleaner and changing it as and when required
 - 3) By cleaning the dry filter element periodically and changing it as and when required
 - 4) By changing different filter elements at periodic service intervals.
- Desired temperature can be maintained by maintaining cooling system. This is accomplished by keeping correct level of water or coolant in radiator or dispenser bowl, by keeping radiator or fins clean.



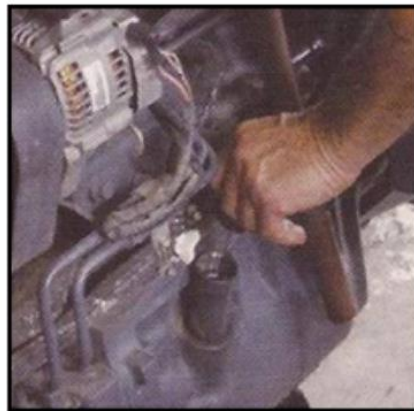
List of activities to be carried out in 10 hours service schedule:

1. Clean the tractor, if the tractor worked under dusty conditions & wash it with a swift jet of water to remove the dirt and wipe off with a dry cloth.
2. Inspect the tractor critically to ensure that no leakage is taking place at any point, take correct steps with the help of authorised service centre if the need be.
3. Check all the nuts and bolts for tightening properly on different parts of the tractor and replace the broken ones, if any.
4. Top up the fuel level in the fuel tank at the end of each days operation. This will keep your tractor ready for "next day and avoid condensation of water at the bottom of tank or in the fuel line.





5. Check and top up, if necessary crank case with mobile oil. Dip stick with low and full level mark is provided for the purpose. The oil level should be in the middle of these two marks.



Opening of dipstick



Dip stick in open position



Checking engine oil level with dipstick

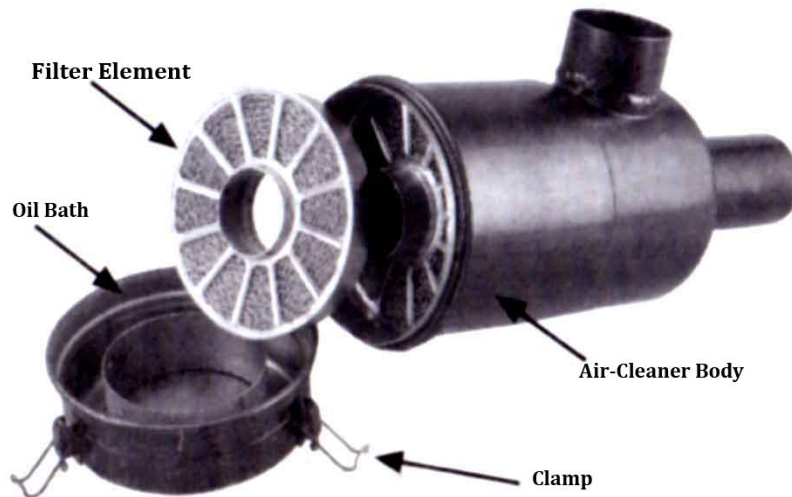


Adding oil in the engine sump



6. Clean pre cleaner. Check air cleaner oil level and if this level is less than the indicated mark or cut hole then top it.

7. Check up the water/coolant level in the radiator/ dispenser bowl and top if necessary. Do not allow water level to go below from the top of the radiator.



View of oil bath type air cleaner

View of Radiator and its filling



8. Check the belt pulley gear-box oil level when the pulley is in use and refill it to the plug level with transmission oil.
9. Check the front and rear type-pressure. In general, the pressure in the front tyres should be nearly 2 kg/cm² and that in the rear tyres about 1 kg/cm²".



View of tyre pressure checking of tractor