

DEUCE TRACTOR

Hot Weather/Desert Operation

This abbreviated checklist is not to be used as a replacement for the -10 series Tech Manuals or any other PMCS guide

References: **TM 5-2430-200-10**

Engine idling time must be limited. Under no condition should engine idling exceed a maximum of 10 minutes. Excessive idling can cause damage to engine.

HEAT

1. Avoid long, hard pushes or pulls. Allow engine to idle if it becomes overheated. If engine does not cool down after 10 minutes notify maintenance.
2. Check water temperature gage – if in the RED zone or engine temperature warning light comes on allow engine to cool down 3-5 minutes.
3. Check cooling system, air cleaner indicator and engine oil level frequently. Ensure radiator is free of debris or foreign matter.
4. Perform daily and weekly PMCS and lubrications every 10 hours. (see TM 5-2430-200-10).
5. To prevent fuel from overheating, the fuel level should be maintained above one-half of a tank. Overheated fuel can cause reduced power and possibly damage the fuel system.
6. Park tractor under cover or in the shade if possible.

SANDY OR DUSTY CONDITIONS

1. Check engine coolant temp and engine oil pressure frequently.

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SANDY OR DUSTY CONDITIONS (continued)

2. Keep radiator core free of obstructions.
3. Keep engine air precleaner free of debris.
4. Ensure sand and dirt is removed from around any fluid filler location before checking or adding fluids.
5. Clean spouts of fuel containers and areas around filler cap on fuel tank before adding fuel.