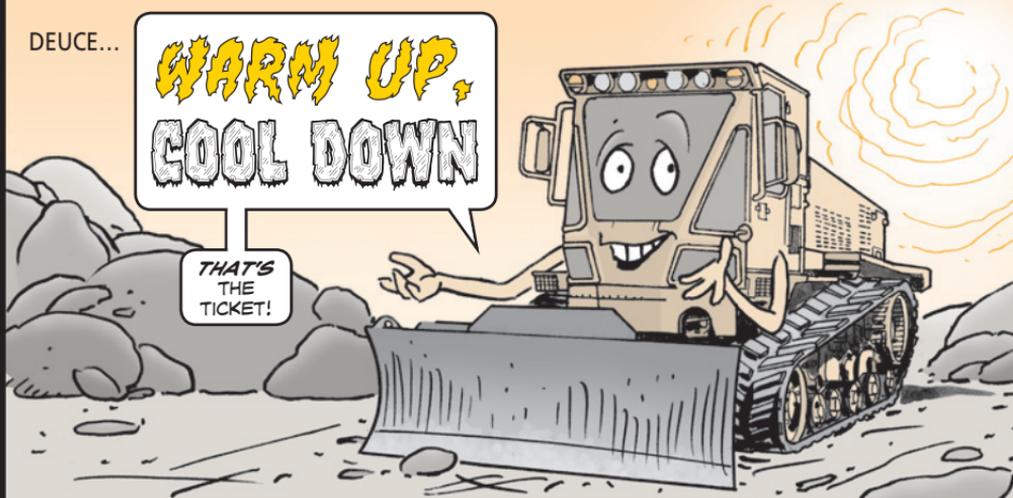


DEUCE...

**WARM UP,
COOL DOWN**

THAT'S
THE
TICKET!



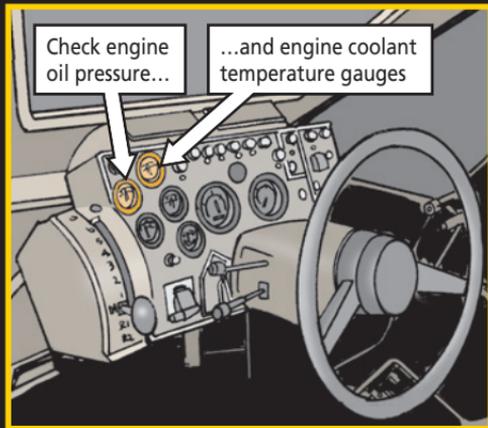
Operators, Page 77 of TM 5-2430-200-10 is loaded with good info when it comes to starting or shutting down your tractor at the worksite. Here's what you need to remember to keep the vehicle mission-ready:

Warm It Up

After start up, make sure you have engine oil pressure. Then idle the engine for five minutes to warm it up.

Warming up the tractor gives the oil time to lubricate the parts. It also lets the engine warm up enough to boil off condensation caused by normal engine breathing. That way, you won't have to worry about condensation mixing with the oil and forming a sludge that'll clog the engine.

Once you've got the tractor warmed up and operating, check the gauges, especially those for water temperature and engine oil pressure. They should be within normal operating range.



Cool It Down

After operations, let the tractor cool down before shutting down. Idle the engine for five minutes. The engine needs to cool down after operations to prevent excessive heat in the engine and particularly in the turbocharger center housing. Overheating can crack the block, warp a head or valves, or bake the oil until it's not slick enough to lube the bearings. This also lets the turbocharger slow down, and reduces coking in the turbocharger bearings.