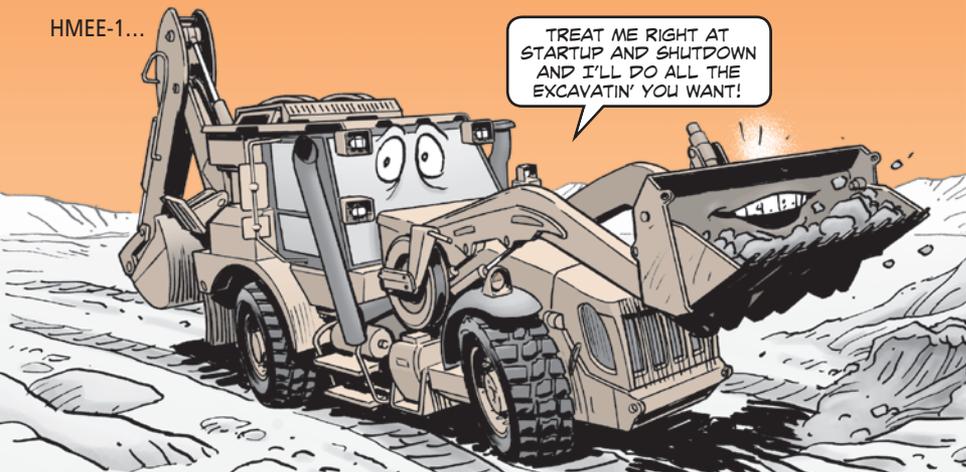


HMEE-1...



HERE COMES THE DAY'S RUN!

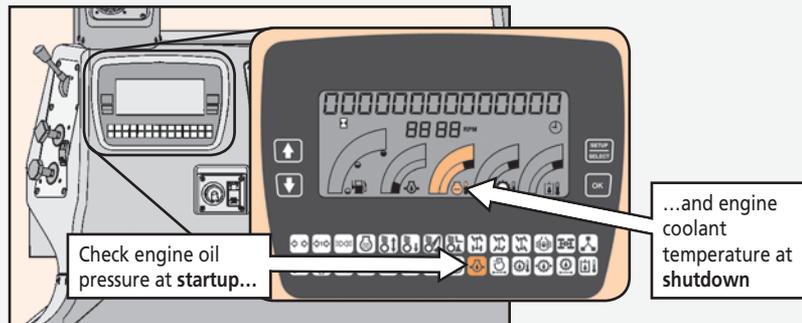
After you finish that cup of coffee, take a look at TM 5-2420-232-10. It's got all the info on how to start and shut down your high-mobility engineer excavator, type 1 (HMEE-1). Here's what you especially need to remember to keep the excavator mission ready:

Warm It Up

After startup, make sure you have engine oil pressure. Then idle the engine at 1,100 rpms for a few minutes to warm it up.

Warming up the excavator 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. Then 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 excavator warmed up and operating, check the gauges, especially those for water temperature and engine oil pressure. They should be within normal operating range.

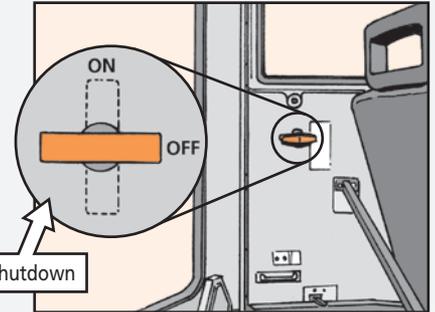


Cool It Down

After operation, let the excavator cool before shutting down. Idle the engine for five minutes. That cool down prevents excessive heat in the engine and 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. Cooling down also lets the turbocharger slow and reduces coking in the turbocharger bearings.

Master Disconnect Switch

Make sure the vehicle's battery disconnect switch is turned OFF after the day's run. Leave the switch on and the batteries can lose their charge in a week or two. Without juice, your excavator needs a slave start-or you won't be going anywhere!



WHATEVER YOU DO, **DON'T USE THE BATTERY DISCONNECT SWITCH TO TURN OFF THE VEHICLE.**

THAT CAN **FRY** THE VEHICLE'S ELECTRICAL CIRCUITS!

YOU'LL FIND THIS **CAUTION** ON PAGE 0004-12 OF THE OPERATOR'S MANUAL.

BY THE WAY, WHEN THE BATTERY DISCONNECT SWITCH IS TURNED OFF, YOU'LL STILL HAVE BATTERY POWER FOR ABOUT 30 SECONDS.

THAT ALLOWS THE VEHICLE'S ELECTRONICS TO SHUT DOWN PROPERLY.



M870A1 Wood Decking Kit

Get a complete wood decking kit, minus the hardware, for your M870A1 40-ton lowbed semitrailer with NSN 5510-01-540-5724. Or you can order cut-to-fit purple heart wood by the board foot with NSN 5510-01-454-8568. That comes in handy if you only need to replace a few boards. You'll need carbide-tipped blades and drill bits to prepare it, though.

Linseed Oil Preserves Trailer Decks

Constant exposure to the elements leads to dry, cracked and splintered wood decking on semitrailers. Prevent that damage by applying a coat of linseed oil to the decking as needed. NSN 8010-00-152-3245 brings a gallon of linseed oil and NSN 8010-00-684-8789 gets five gallons. A 55-gal drum comes with NSN 8010-00-242-6114.