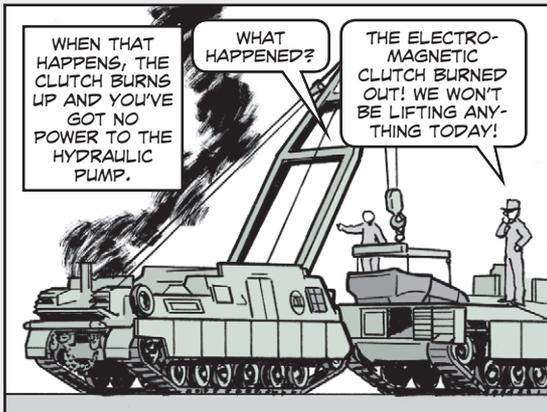
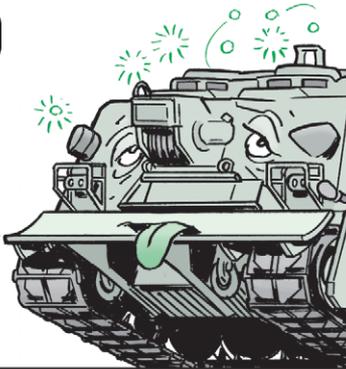
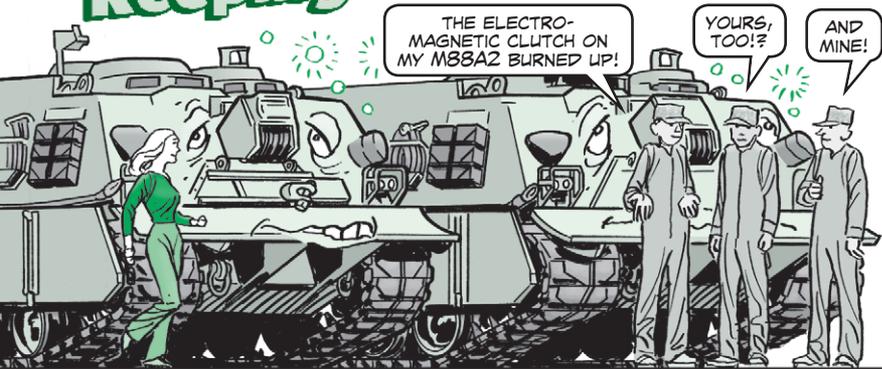


Keeping Oil on the Level

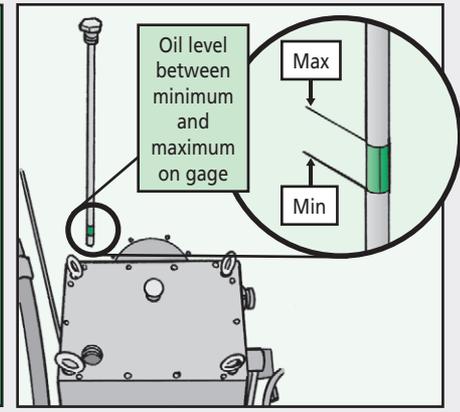


IT'S CRITICAL THAT THE CLUTCH'S OIL LEVEL BE CHECKED **EVERY DAY** AS PART OF AFTER-OPERATION PMCS.

YOU'LL FIND THE CHECK IN WP 0105 00-35 OF TM 9-2350-292-10 (NOV 05 W/CH 1, JUN 07) AND IN TABLE 6 OF THE LUBRICATION INSTRUCTIONS IN WP 0105 00-77.



1. Park the vehicle on a level surface.
2. Start the engine and operate the electromagnetic clutch for five minutes.
3. Shut off the engine.
4. Open the sub-floor access door and wipe clean the area around the bayonet gage to keep dirt out of the electromagnetic clutch.
5. Pull and wipe the bayonet gage.
6. Reinsert the gage, remove it again and make sure the oil level reaches the full mark (between MIN and MAX) on the gage.



If the level is low, add OE HDO-10 oil through the bayonet gage hole. Keep adding oil until the level reaches the full mark on the gage.

PTO Drive Shaft

The PTO drive shaft must be lubricated monthly following the instructions in WP 0187 00-81 of TM 9-2350-292-20-1 (EM 0266, Jun 07).

Lubricate the three or four grease fittings on the U-joints, slip joint and PTO driveshaft quick-disconnect (if your vehicle has one).

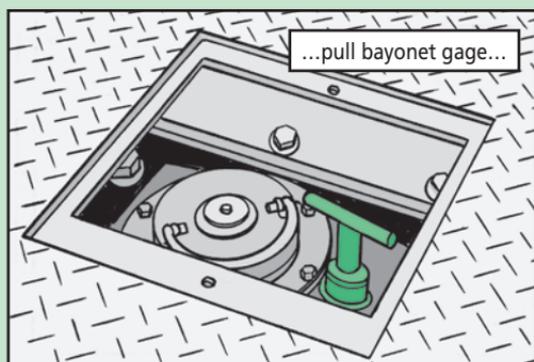
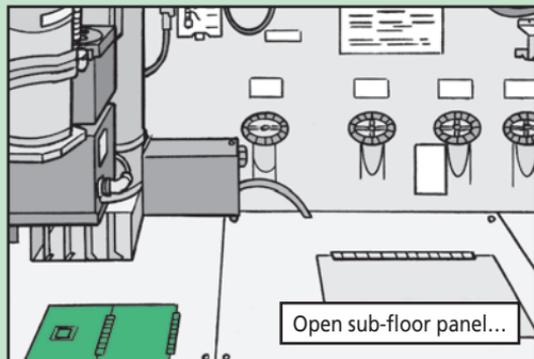
The TM does not state or show the driveshaft's U-joint located at the PTO's electromagnetic clutch side, so this is often missed. Lack of lubrication in any of these locations will lead to premature bearing failure and broken parts.



Hydraulic Reservoir

The hydraulic reservoir oil level is also an after-operation check that's being neglected. You'll have a tough time raising and lowering the boom if the reservoir level gets too low.

So take a minute to open the sub-floor panel and check the reservoir's bayonet gage. The oil level should be above the DANGER mark. If it's not, you'll need to add FRH following the instructions starting on WP 0105 00-94.



...and make sure level is above DANGER



Hoist Winch

The hoist winch is a before-operation check that's just not being done. If the oil level gets too low, the winch can burn out.

With the vehicle on level ground, make sure the oil level is between the middle and the top of the sight glass. If the oil level is below the middle of the sight glass, add gear oil to the vent/fill plug until the level is correct.

The gear oil you use is determined by temperature, so check out WP 0105 00-73 for the right one. And make sure you clean the vent/fill plug with dry cleaning solvent before reinstalling.

Remember, be smart and always be on the lookout for oil and hydraulic leaks. Then make sure you report or repair the problem according to the TM. Take care of those oil levels and your recovery vehicle will have the muscle to pull you out of problems.