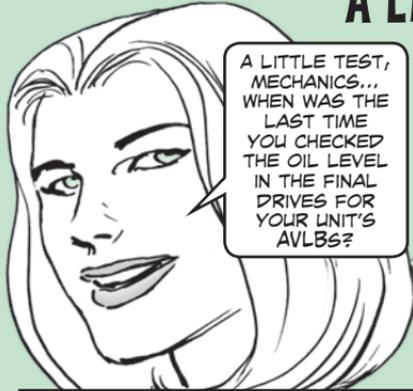


A LITTLE LESSON ON LEVELS



A LITTLE TEST, MECHANICS... WHEN WAS THE LAST TIME YOU CHECKED THE OIL LEVEL IN THE FINAL DRIVES FOR YOUR UNIT'S AVLBS?

If you said during the last semiannual service, go to the head of the class.

If you gave a different answer, those final drives could be flunking out right along with you. When final drive oil levels get low, there's more friction. Metal shavings begin to show up, which means the drives are being damaged.

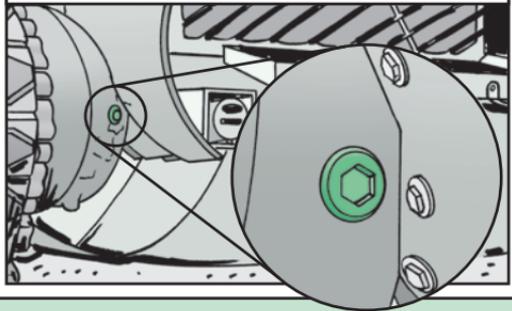
To keep those final drives in good shape, do your homework. The textbook to use is the semiannual PMCS in TM 5-5420-202-20-1 (Oct 85 w/Ch 4, May 96) and LO 5-5420-202-12 (Mar 92).

Level Check

Check the oil level during semiannual services. It's a cold-check, so make sure it's done before the vehicle is operated. Here's how:

1. Remove the oil level plug. If the final drive was overfilled, let the excess oil drain into a container for proper disposal. You may see a small amount of oil—two or three tablespoons—spill out. Don't worry. That's likely the little bit of oil that can get trapped behind the level plug.
2. Take a close look at the level plug itself. The plug's magnetic, so you may see metal chips or shavings. If you spot any, the AVLB is deadlined.
3. Make sure the oil level is up to the lower edge of the plug hole by carefully inserting your finger and feeling for oil.
4. If the level's good, clean the level plug and reinstall it.

Remove level plug and use finger to check oil level



Low Level?

If the oil level is low, you'll need to add some OE/HDO-15/40:

1. Reinstall the level plug.
2. Remove the fill plug and add oil.
3. Give the oil a few minutes to settle, then recheck the oil level.
4. Repeat steps 1-3 until the final drive is filled. Just be careful not to overfill it.
5. Clean and install the fill and level plugs.

Use fill plug to add oil

