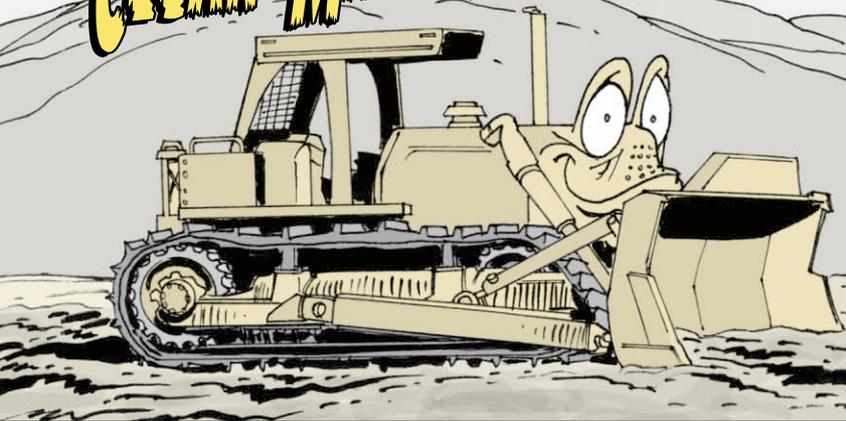


# CLEAN MAGNETIC STRAINER



RATS! I, MAGNET MAN, THOUGHT I COULD BRING THIS TRACTOR TO A STANDSTILL BY PUTTING METAL SHAVINGS INTO ITS TRANSMISSION OIL!

AND YOUR EVIL SCHEME WOULD'VE WORKED, TOO, IF NOT FOR GOOD PM AND THIS MAGNETIC STRAINER!



**M**echanics, metal shavings in the transmission oil is the last thing your dozer needs for smooth operation.

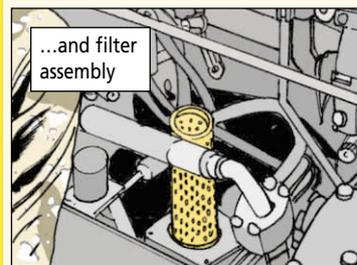
Contaminated oil with metal shavings will clog the screen in the transmission system's magnetic strainer. A clogged screen restricts oil flow. The end result is wear and tear on the dozer's engine and transmission, not to mention a bad AOAP report!

So after changing the transmission's primary filter, don't forget about the magnetic strainer.

Cleaning the screen and magnets is a 250-hr service in LO 5-2410-237-12.

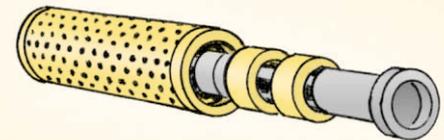


1. Remove the cover and spring, then remove the filter assembly.

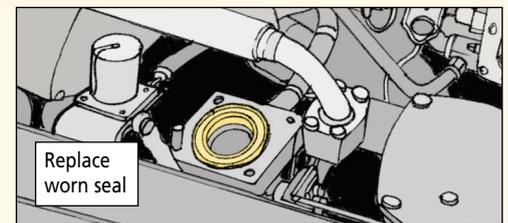


2. If you're in the motor pool, steam clean the screen magnets, and then dry them with pressurized air. In the field, wash the screen in MIL-PRF-680 cleaning compound. Clean the magnets with a stiff bristle brush. **Don't use a wire brush!** That can scratch or demagnetize them. And don't drop or tap magnets. That can demagnetize or break them.

Wash screen and magnets



3. Check the cover seal for cracks, tears or mashed edges. If you find any, replace the seal, NSN 5331-00-863-5549.



4. Install the magnets, screen, spring and cover, in that order. Torque the cover nuts to 31-34 lb-ft dry (no oil) or 23-25 lb-ft wet (threads lubed with oil).

5. With the engine running and the transmission in neutral, pull the dipstick to measure the oil level. Add oil to bring it to the FULL mark on the dipstick.