

MICLIC...

Handy Hand Pump

TM 9-1375-215-13&P (Oct 97), the new TM for the mine clearance line charge (MICLIC), now calls for semi-annual replacement of the hand pump's hydraulic fluid.

That's no easy task, since the pump must be removed to drain the fluid.

Help is on the way, though. A new hand pump that has a drain plug is now available with NSN 4320-01-226-1226. Just pull the plug and the old oil is gone in minutes.

The new hand pump also has a dip stick for checking the oil level, a rubber boot to protect the rocker arm, and a cap with a lip that keeps the boot in place.

Note the NSN change for the pump. It's Item 6 in Fig 7 of the TM.

New hand pump makes draining easier



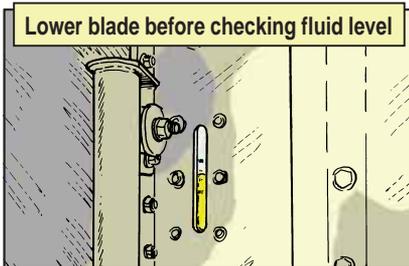
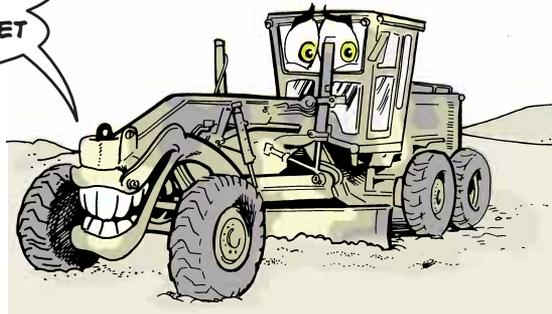
130G Grader ...

Lower Blade for Level Reading

**OPERATORS,
BEFORE YOU EYEBALL THE FLUID
LEVEL IN MY
HYDRAULIC OIL RESERVOIR, SET
MY BLADE DOWN.**

Setting the blade down on a 130G grader gives you an accurate reading and saves seals and hydraulic lines.

Leaving the blade up can act like a slight vacuum in the cylinders that raise and lower the blade and circle drive.



Lower blade before checking fluid level

That "vacuum" holds oil in the cylinders, causing low readings in the reservoir. Oil added to fill the reservoir puts too much pressure on the hydraulic system—blowing seals and lines.

Play it safe. Make sure the blade is down before you eyeball the oil level in the grader's hydraulic reservoir.