

Changing Hydraulic Oil

On the underside of the "TCV" travel control valve there is a hex-shaped 1/4" pipe plug. It uses a Allen wrench.

This is the test port and the drain port for the system. Clean out the hex hole of any debris and use a tight-fitting high quality Allen wrench and push it all the way into that hole. If the plug has been in there for a long time then care must be taken to loosen it successfully without stripping the allen head.

Remove the plug with and catch the oil in a bucket(six quarts +/- of oil). Remove the sparkplug wire(s) and ground them to the engine to avoid coil damage. Crank the engine over in short 2-3 second intervals until all the oil has been pumped into the bucket.

Let the tractor sit for a short time until the remaining oil stops draining. Apply a liberal amount of anti-sieze to the pipe plug threads and re-install into the TCV body (avoid over-tightening).

Install roughly 5 to 6 quarts of the

oil of your choice into the hydraulic tank. If your tank is under the battery, then it's full when the oil reaches 5-6 inches below the top of the fill neck. If the tank is up front next to the grille, then full is 1-2 inches below the actual top of the tank, not the top of the fill neck.

Start up the tractor, check for leaks, and recheck the oil level. Take it for a test run and check for proper operation.

Ingersoll suggests changing the hydraulic system oil every 500 hrs. or seasonally if temperature changes require a different viscosity.

Test and drain port

