

Section 8

Post Start Checks

The following tests are required to be performed with the engine running:

Check all gauges are on correct operational pressure:

1. Gauges are colour coded (should read in *green* area).

Check function of lift arm assembly hydraulic system.

Check steering function.

Check park brake operation, gauge must read 11377 kPa (1650 psi) with brake off:

1. To test move off slowly and apply the park brake.

Check that all of the lights are working:

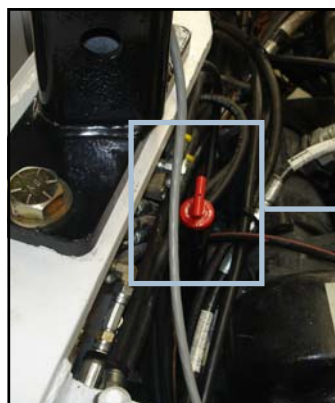
1. There are two forward and rear facing headlights.
2. Control switch is operational, (manual or auto directional).

Check the transmission oil level:

1. Always check when the transmission is warm.
2. Once the correct transmission oil temperature has been reached park the machine on flat, level ground and leave it running.
3. Place the machine in *neutral* and apply the park brake.
4. Access the dipstick from the operator's compartment through the cover over the top of the transmission. This panel is located between the operator's compartment and the hydraulic tank.
5. The engine should be idling at 650 RPM-750 RPM.
6. Remove the dipstick by pulling upwards and wipe with a clean, lint free cloth.
7. Reinsert the dipstick into the spout, push it all the way home.
8. Withdraw the dipstick and check the oil level. The level is to be maintained at the *full* mark.



Always use the specified lubricant for the application and the region's seasonal temperatures. (See Section 21).



Transmission Dipstick

Check the diesel control system operation:

1. Run the engine at high idle.
2. Press the shutdown test button and hold for ten seconds.
3. Machine should shutdown and the low oil pressure display should be on.
4. The engine should not restart until the on/off toggle switch is reset.

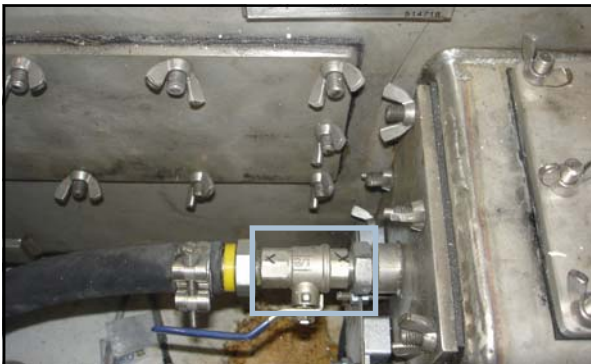


If the engine does not shutdown do not use the machine. Report it to the service personnel for repairs.

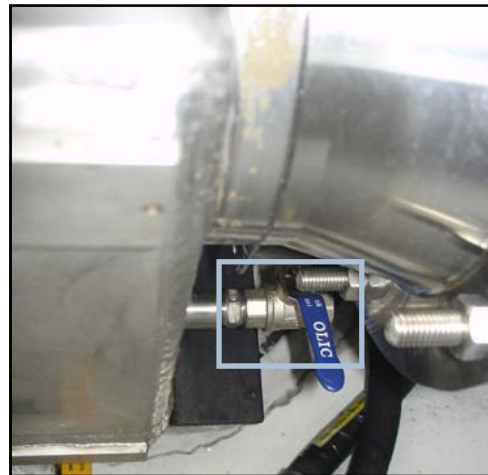
WARNING

Check low exhaust water shutdown test:

1. Ensure the machine is parked on level surface.
2. Ensure that the make up tank is full of water.
3. With the engine running close the main supply/isolation valve to the exhaust conditioner.
4. Open the drain valve under the exhaust outlet flame trap.
5. Once the water drops below the prescribed level in the float chamber the shutdown float sensors will shutdown the machine.
6. Reset the on/off toggle switch and try to start the machine, it should not start.
7. Close the drain valve and open the main supply/isolation valve to allow the exhaust conditioner to fill again.
8. Once the exhaust conditioner has filled restart the machine as per the start up procedure in Section 7.



Wet Bath Exhaust Conditioner - Main Supply/Isolation Valve



Wet Bath Exhaust Conditioner - Drain Valve



WARNING

The machine must not be used under any circumstance if it fails the low water shutdown test.



NOTICE

If the machine does not shutdown on a test it must be reported to service personnel for immediate rectification.