

O.E.M.

Oil Exchange Machine Job Aid



*NOTE ...

Before performing any engine service, make sure you've read and understand the technical instruction manual and all bulletins provided by CAT Products, Inc. Use only for engine oil. **Do not extract flammable or corrosive liquids or other fluids. This will void warranty.**

Obey all safety requirements; pay particular attention to personal protective wear, such as safety goggles and gloves. Perform all services that require the engine to run outside or use a suitable exhaust extraction system.

Bring the engine to operating temperature, then turn the engine off.

PROCESS:

STEP 1: Choose Proper Dipstick Tube Adapter

Remove the dipstick and choose an adapter or suction wand that fits into the dipstick tube and reaches the bottom of the sump. If you can't find a tube to reach the bottom of the sump, you may not be able to use the oil change tool to change the oil on this vehicle. Some vehicles will use only one of the tapered adapters.

STEP 2: Set Up the O.E.M.

Open the Red top valve by turning it counter clockwise. Make sure the #1 service valve is closed. Close the drain fitting finger tight. Be sure the Drain hose bottom #3 valve is closed.

- B. Connect your shop air hose to the air chuck at the top of the site cylinder. This will create a vacuum in the cylinder. The needle will move into the **Solid Green** section of the gauge. When the needle is no longer moving (reached max vacuum) it is ready to perform the service. The site cylinder should remain at a vacuum. Disconnect the shop air hose.

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STEP 2 (continued)

C. Connect the service hose to the dipstick tube adapter and insert into the oil pan.



STEP 3: Drain the Engine Oil

D. Open the #1 service valve and the vacuum in the cylinder will begin to draw the engine oil out of the crankcase.

E. Once the oil is completely drained, remove the dipstick tube from the crankcase. **Caution! Tubing will be hot!** Close the #1 service valve. Place the tube in the machine holder and hang the service wand back on its hanger.



STEP 4: Finish the Oil Change

Replace the oil filter and add the appropriate oil to the crankcase. Check and complete the oil change.

STEP 5: Drain the Site Cylinder

Once you have the O.E.M. disconnected, you're ready to drain the waste oil from the site cylinder into the storage tank below.



I. **Note:** Always drain the site cylinder before performing another service. **DO NOT OVERFILL THE SITE CYLINDER!** Be sure that the waste tank is not overfull. Check the waste tank gauge.

To drain the site cylinder press down on the **Red Top Valve** and lock it down with the bracket. The waste oil will drain into the lower waste cylinder.



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K



#3 Valve

L



L



#2 Valve

L



M



M

STEP 5 (continued)

J. You can perform additional service procedures until the storage tank is full and needs to be emptied.

K. To drain the waste tank - **IMPORTANT!** Make sure Red Top Valve is in the up position and closed (turn it clockwise).

L. Place the waste hose into the waste container and open the #3 valve on the drain hose to empty the waste tank. Apply shop air with an air chuck to the #2 valve. This will pressurize the waste tank and remove the waste oil. When completed, close the #3 valve and store the waste hose back on the holder.

M. If the O.E.M. will not build vacuum, the venturi may be clogged. This can occur if it is overfilled. To clear this, remove the muffler by carefully unscrewing it. Place a towel over the venturi and blow shop air through the fitting. Clean all the components with a mild soap and then reassemble and mount the muffler back in place.

Replacement Parts



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REPLACEMENT PARTS

OPTIONAL SUPER DUTY SUCTION WANDS

PART #	DESCRIPTION
9898-SW6X4	6MM X 29"
9898-SW6X4XL	6MM X 45"
9898-SW8X6	8MM X 29"
9898-SW8X6XL	8MM X 45"



9898-WADAP

REPLACEMENT ADAPTER

