



TECHNICAL SERVICE BULLETIN

DATE: 920239

TITLE:

CHANGING HYDRAULIC OIL

APPLICABLE MACHINES:

830

SYNOPSIS:

Follow this procedure when changing the hydraulic oil. If the hydraulic filter is the only item to be changed. The hydraulic oil does not need to be drained.

Before starting this operation, make sure you have a large enough storage container available to store the old hydraulic fluid in. If a barrel pump with a hose is available, remove the hydraulic tank cap and strainer assembly and insert the barrel pump hose into the tank. THE HYDRAULIC SYSTEM HOLDS 18 GALLONS OF OIL. **SAFETY NOTE; HAVE THE CONVEYOR AND BRUSHES LOWERED WHILE SERVICING UNIT.**

1. Open the right side engine compartment door.
2. The hydraulic oil tank drain plug is located in the lower left corner of the tank. Remove the drain plug slowly, there will be a fair amount of pressure, be ready.
3. When the hydraulic fluid level has dropped below the level where the hydraulic filter line enters the tank, the oil filter can be removed and replaced.
4. If the hydraulic filter is the only item to be replaced, turn off the valve located in line to the hydraulic tank. (turn the handle 90 degrees)
5. With the hydraulic filter removed, check and clean the filter sealing surfaces of dirt and metal burrs. Install the new filter and hand tighten only.
6. When refilling the hydraulic tank, fill it only to the add line initially. Secure all connections and open the shut off valve if it was closed. Start up the machine and operate all hydraulically controlled components. Stop the machine, and inspect for any leaks . Add hydraulic oil to the tank if needed, to bring the fluid level up to between the add and full marks on the sight glass. CAUTION; overfilling the tank will cause pressure and oil spillage from the breather filter on the tank.