



ELECTRIC - HYDRAULIC HOIST FLUID CHANGE (ONCE A YEAR)

WARNING:

You must remove the truck body and have body prop rod securely in place when performing maintenance on the hoist in the raised position.

Step 1— This procedure requires there be no truck body on the hoist. Unload the body by following the procedures on pages 29-31 of this manual.

Step 2— Stow away the body prop rod and lower the hoist all the way down flat.

Step 3— Remove breather cap P/N 3170478 on hydraulic reservoir tank.

Step 4— Using a siphon pump, remove all the old fluid from the hydraulic tank.

Step 5— fill the reservoir tank with hydraulic oil $\frac{3}{4}$ full (do not fill to top) equivalent to **Grade 32 (such as ATF-Dextron II or Mobile DTE 13)**.

Step 6— Raise the hoist "UP" halfway to approximately 25° angle which reveals about 8" of the cylinder stroke.

Step 7— Rotate the prop rod counterclockwise until it is in a vertical position.

Step 8— Lower the hoist "DOWN" until the upper lift tube secured in the prop rod cup.

Step 9— Continue to fill the Hydraulic reservoir leaving $\frac{1}{2}$ inch void from the top of the reservoir. Carefully loosen the feed line on the hydraulic hoist cylinder, until a small amount of hydraulic oil weeps out, removing any trapped air pockets.

Step 10— Ensure all feed and return lines are tight and not leaking.

Step 11— Cycle the hoist system "UP" and "DOWN" and continue filling the reservoir tank leaving $\frac{1}{2}$ inch from the top.

Step 12— Replace and tighten the breather cap on the reservoir tank.

Step 13— Lift the hoist "UP", disengage the prop rod and continue to lower the hoist "DOWN", checking the operation

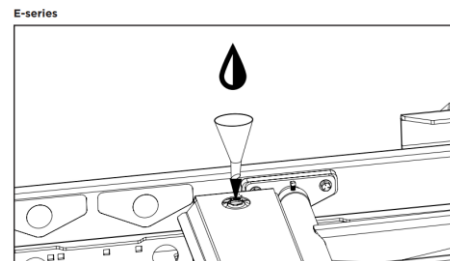
Photo 1

Photo 2

Photo 3

Photo 4

Illustration 1



E-series Hydraulic Fluid Capacities

	Hoist Model	Reservoir Tank (Quarts)	Approximate System Oil Capacity (Quarts)
E-SERIES	4016	3.5	4.5
	4020	3.5	6
	5020	3.5	9



607 Erie Street
Saegertown, PA 16433
(888) 311-0867

Subsidiary of TBEI