

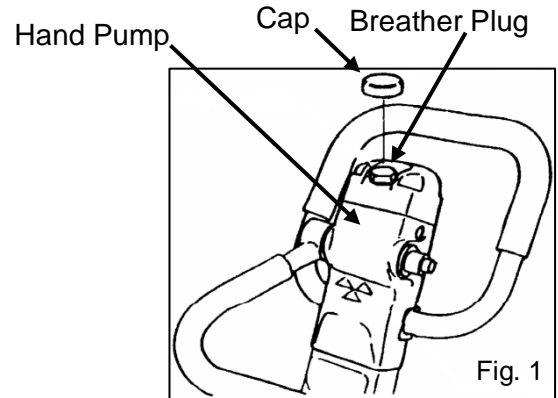
HYDRAULIC SYSTEM OIL CHANGE

Initial oil change is at first 200 hours then at every 1,000 hours of operation thereafter.

Take precautions that dirt does not enter the system during this operation.

Draining the Oil:

1. Place the handle in the vertical (stowed position) and remove cap from the breather plug. (Fig.1)
2. Remove the breather plug with a 24mm wrench. (Fig. 1)
3. Disconnect hydraulic hose from the cylinder and place it in a container to collect the oil. (Fig. 2)
4. Move the travel lever to the full forward position and use a rope to tie it to the lifting hook and allow oil to drain completely.
5. Reconnect the hydraulic hose to the cylinder.

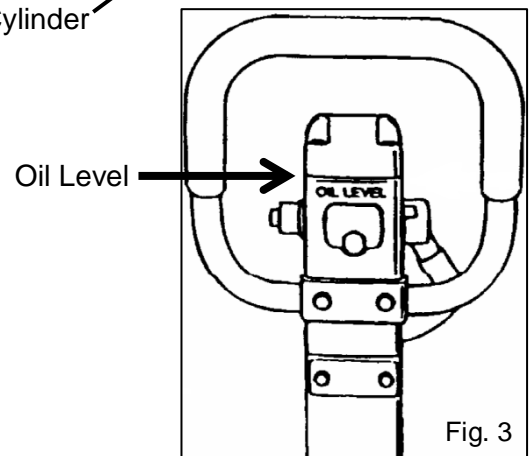
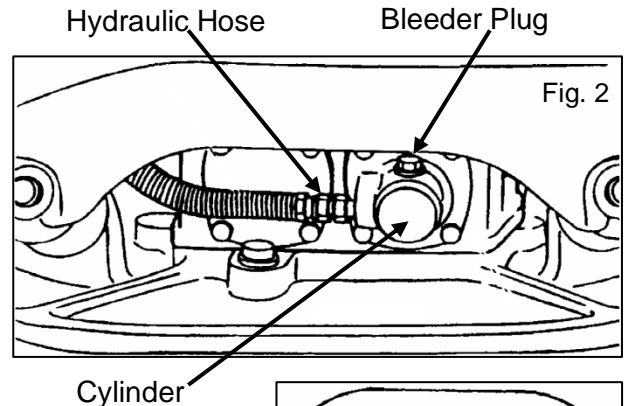


Filling with Oil:

6. Add oil to the hand pump reservoir, Shell Tellus #46, (300 cc), (10.14 oz).

Bleeding the Cylinder:

7. Remove bleeder plug from the cylinder. (Fig. 2)
 8. Allow oil to flow out the cylinder bleeder hole until aeration completely disappears then install the bleeder plug and tighten.
 9. Inspect the hand pump oil level with the handle in the upright position and fill as needed to proper level. (Fig. 3).
- Note:** Fill only to proper level - overfilling will cause oil to surge out the breather plug.
10. Install hand pump breather plug and cap.
 11. Release the rope from the handle and travel lever.



Note: Inspect the hand pump hydraulic oil level every 100 hours of operation with the handle in the upright position.