(2). Remove the fill and oil level check plug and fill the transmission with oil until oil starts to flow from the fill and oil level check plug hole.

(3). Reinstall the plug.

2-11. LUBRICATION OF THE PULLDOWN TRANSMISSION (Figure 2-8). The oil level in the transmission should be checked periodically. It is recommended that the oil level be checked each week initially. If the oil level is consistently found to be satisfactory, the interval between oil level checks may be lengthened. The oil level should be checked at any time there is evidence that leakage might be occurring. The oil should be changed after each 4 months of operation.

a. Checking Oil Level. With the drilling machine level, remove the oil level check plug. The oil should be even with the oil level check plug hole. If the oil level is low, add oil until the oil level is even with the oil level check plug hole.

b. Recommended Lubricant. Refer to the Lubrication Chart for the type of lubricant to be used.

c. Changing the Oil. The oil should be changed after the machine has been operating to ensure maximum suspension and drainage of any minute foreign particles.

(1). Remove the drain plug and drain the oil. Clean and reinstall the drain plug.

(2). Remove the fill plug and oil level check plug.

(3). Fill the transmission with oil until oil starts to flow from the oil level check plug hole.

(4). Reinstall both plugs.

2-12. LUBRICATION OF THE CATHEAD TRANSMISSION (Figure 2-9). The oil level in the transmission should be checked periodically. It is recommended that the oil level be checked each week initially. If the oil level is consistently found to be satisfactory; the interval between oil level checks can be lengthened The oil level should be checked at any time there is evidence that leakage might be occurring. The oil should be changed after each 4 months of operation.

a. Checking Oil Level. With the drilling machine level, remove the oil level check plug. The oil should be even with the oil level check plug hole. If the oil level is low, add oil until the oil level is even with the oil level check plug hole.

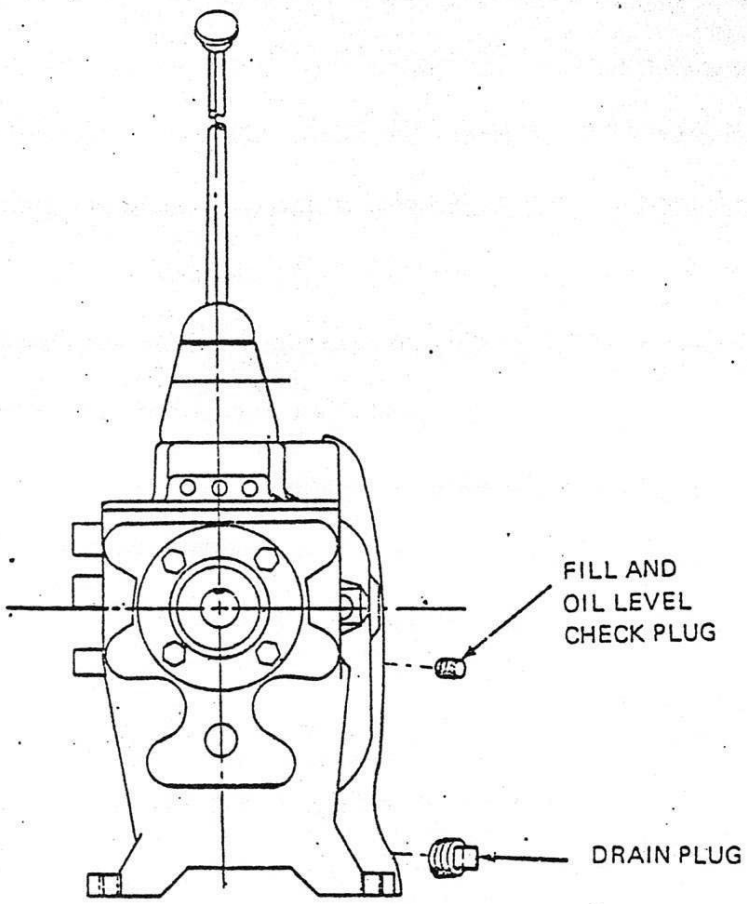

Figure 2-9 Cathead Transmission

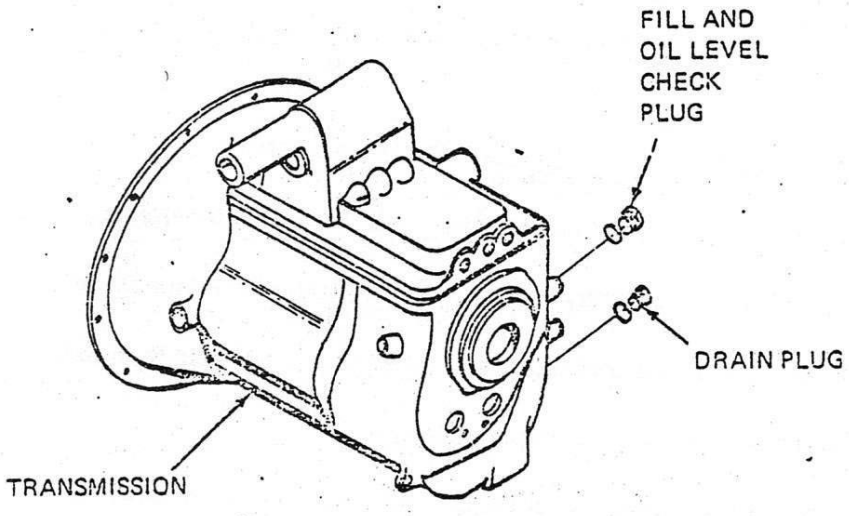

Figure 2-10 Rotary Table Transmission

b. Recommended Lubricant. Refer to the Lubrication Chart for the type of lubricant to be used.

c. Changing the Oil. The oil should be changed after the machine has been operating to ensure maximum suspension and drainage of any minute foreign particles.

(1). Remove the drain plug and drain the oil. Clean and reinstall the drain plug.

(2). Remove the fill and oil level check plug. Fill the transmission with oil until oil starts to flow from the fill and oil level check plug hole.

(3). Reinstall the plug.

2-13.LUBRICATION OF THE ROTARY TABLE TRANSMISSION (Figure 2-10). The oil level in the transmission should be checked periodically. It is recommended that the oil level be checked each week initially. If the oil level is consistently found to be satisfactory, the interval between oil level checks may be lengthened. The oil level should be checked at any time there is evidence that leakage might be occurring. The oil should be changed after each 4 months of operation.

a. Checking Oil Level. With the drilling machine level, remove the oil level check plug. The oil level should be even with the oil level check plug hole. If the oil level is low, add oil until the oil level is even with the oil level check plug hole.

b. Recommended Lubricant. Refer to the Lubrication Chart for the type of lubricant to be used.

c. Changing the Oil. The oil should be changed after the machine has been operating to ensure maximum suspension and drainage of any minute foreign particles.

(1). Remove the drain plug and drain the oil. Clean and reinstall the drain plug.

(2). Remove the fill and oil level check plug. Fill the transmission with oil until oil starts to flow from the fill and oil level check plug hole.

(3). Reinstall the plug.