oil starts to flow from the oil level check plug hole. Reinstall the oil level check plug and filler cap.

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

NOTE

During cold weather operation, it is recommended that the drawworks drive assembly be operated at low speed for a short period of time before being brought up to operating speed.

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. Perform the following procedures to drain the oil.

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

(2). Remove the oil level check plug and filler cap.

(3). Service the bevel gear case with oil until oil starts to flow from the oil level check plug hold.

(4). Reinstall the oil level check plug and filler cap.

d. Bearing Lubrication. Grease fittings are provided for lubricating the bearings on both ends of the drum shaft. A reliable multipurpose grease NLGI Grade No. 2 is recommended.

CAUTION

Avoid excessive greasing. The bearings are enclosed and if filled completely with grease will tend to run hot.

2-6 LUBRICATION OF THE TRANSFER CASE (Figure 2-3). The oil level in the transfer case 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, then 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 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 remove the filler cap and add oil until

oil starts to flow from the oil level check plug hole. Reinstall the oil level check plug and filler cap.

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 oil level check plug and filler cap.

(3). Service the transfer case with oil until oil starts to flow from the oil level check plug hole.

(4). Reinstall the oil level check plug and filler cap.

2-7. LUBRICATION OF THE SUBDRIVE ASSEMBLY (Figure 2 -4) The oil level in the subdrive assembly 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, then 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 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, remove the filler cap and add oil until oil starts to flow from the oil level check plug hole. Reinstall the oil level check plug and filler cap.

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 oil level check plug and filler cap.

(3). Service the subdrive assembly case with oil until oil starts to flow from the oil level check plug hole.

(4). Reinstall the oil level check plug and filler cap.

2-8. SERVICING THE ROTARY-TABLE ASSEMBLY (Figure 2-5) The oil level in the rotary table should be checked periodically. It is recommended that the oil level be checked each week initially. If the