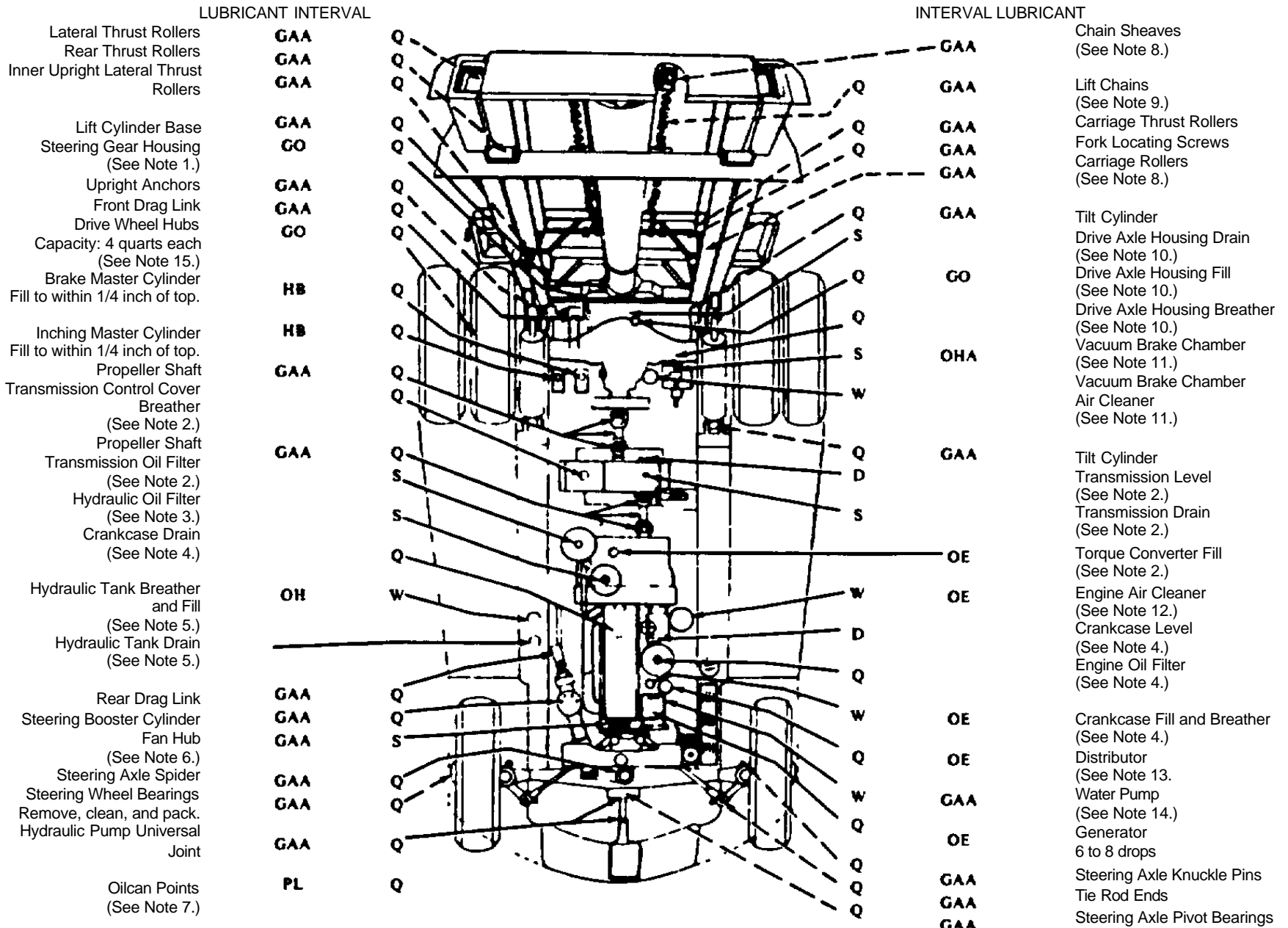


TRUCK, LIFT, FORK, GASOLINE  
PNEUMATIC-TIRED WHEELS, 15,000-POUND CAPACITY  
(CLARK MODEL CY 150 B, ARMY MODEL MHE 175)  
FEDERAL STOCK NUMBER 3930-621-7413

Reference TM 10-3910-225-20

Intervals given are maximums for normal 8-hour operation. For abnormal conditions or activities, intervals may be extended provided that the equipment is preserved adequately. Clean fittings before lubricating them. Clean parts with SD (Solvent, drycleaning) and dry them before lubricating item.

Broken arrow shafts indicate that lubrication points are located on both sides of the equipment. Drain crankcase and gearcase when hot as a result of operation. Check levels when crankcase and gearcase are cool. Clean magnetic drain plugs before installing them.



- NOTES**
1. STEERING GEAR HOUSING - Q, verify level at plug. Add oil, if necessary, to bring level up to plug.
  2. TRANSMISSION, FILTER, and TORQUE CONVERTER - D, run engine at fast idle for 2 minutes; then check oil level at transmission level plug (located on lower right face of case). Add oil, if necessary, through torque converter fill. Q, clean dirt or foreign matter from breather, S, remove transmission drain plug, and drain converter and transmission. Remove, clean, and install oil screen. Do not use flushing oil or compound to flush system. Drain transmission oil filter, discard cartridge, clean inside of filter body, and install new cartridge. Fill converter and transmission through converter fill; the capacity is approximately 28 quarts. Run engine at fast idle for 2 minutes to prime converter. Recheck oil level in transmission and add oil required.
  3. HYDRAULIC OIL FILTER - Change filter and clean sump tank strainer after first 40 hours of operation. S, change filter and clean sump tank strainer.
  4. CRANKCASE AND FILTER - D, verify level and add oil as necessary. W, remove breather and clean it with SD; do not use compressed air. Q, drain crankcase. Whenever crankcase is drained, removed and discard filter. Clean filter base and install new filter. Fill crankcase, run engine a few minutes, check level, and add oil as necessary to bring level to full mark.
  5. HYDRAULIC TANK - W, clean breather with SD. Q, verify level and add oil as necessary. Allow about 2 inches of expansion space above oil. If oil is contaminated, drain system. Fill system with clean oil; the capacity is 49 gallons.
  6. FAN HUB - S, remove plug in fan hub, insert grease fitting, and add lubricant. Remove fitting and install plug.
  7. OILCAN POINTS - Q, apply seasonal PL to steering column control linkage, accelerator bellcrank, brake and throttle linkages and other friction points not equipped with pressure fittings or oilcups.
  8. CHAIN SHEAVES and CARRIAGE ROLLERS - Service these parts only during disassembly. Remove, clean, and repack rollers.
  9. LIFT CHAINS-Q, oil chains as necessary. S, remove chains, soak and wash in SD, drain and dry, soak in OE, drain, and wipe outer surfaces.

10. DRIVE AXLE HOUSING - Q, verify level at filler plug. Add oil, as necessary, to bring level to about one-half inch below filler plug. Clean dirt or foreign matter from breather. S, remove drain plug, drain housing, and refill; the capacity is 7 quarts.
11. VACUUM BRAKE CHAMBER - W, remove air cleaner and clean it with SD; do not use compressed air. S, be sure engine is turned off and brakes are released. Remove plug at back of chamber, add 2 ounces of OHA, and install plug.
12. ENGINE AIR CLEANER - W, verify level and add oil as necessary. Q, drain, clean, and refill to level mark. Under extremely dusty conditions, reduce intervals.
13. DISTRIBUTOR - Q, remove plug at side of housing and fill reservoir with OE. Remove cap, rotor, and housing cover. Apply thin coat of GAA to cam and a few drops of OE to wick. Install cover, rotor, and cap.
14. WATER PUMP - W, turn cup inward one turn. Refill cup when it is empty.
15. DRIVE WHEEL HUBS - Q, rotate wheel until filler plug is halfway between top and bottom of hub. Remove plug and check level. The level should be one-half inch below filler hole. Add lubricant if necessary, and install plug. The capacity of each hub is 4 quarts.

A copy of this lubrication order will remain with the equipment at all times. Instructions contained herein are mandatory and supersede all conflicting orders issued prior to this date.

By Order of the Secretary of the Army:

EARLE G. WHEELER  
General, United States Army  
Chief of Staff

OFFICIAL:  
J.C. LAMBERT  
Major General, United States Army,  
The Adjutant General

