LUBRICATION ORDER

28 FEBRUARY 1984 **(Supersedes LO 10-3930-631-12, 12 MARCH 1975)**

TRUCK, LIFT, FORK, EMD, SOLID RUBBER TIRES, 4000 LB CAPACITY, 144 AND 180 INCH LIFT (ALLIS-CHALMERS MODELS ACE 40AEE-144 AND ACE 40AEE-180, ARMY MODEL MHE-227) (NSN 3930-00-327-1603), 144-INCH LIFT (3930-00-327-1600) (180-INCH)

Reference: TM 10-3930-631-12 and FEDRAL SUPPLY CATALOG C9100-IL.

Hard time intervals and the related man-hour times are based on normal operation. The man-hour time specified is the time you need to do all the services prescribed for a particular interval Change the hard time interval if you lubricants are contaminated or if you are operating the equipment under adverse operating conditions, including longer than-usual operating hours. The hard time interval may be extended during periods of low activity. If extended, adequate preservation precautions must be taken.

WARNING

Dry cleaning fluid is flammable. Do not use near a flame or excessive heat. Use only with adequate ventilation. Avoid prolonged breathing of vapors and minimize skin contact.

Clean parts or fittings with dry cleaning solvent (SD), Type I! or equivalent. Dry before lubricating. Dotted arrow shafts indicate lubrication on both sides of equipment. A dotted circle indicates a drain below. Relubricate all items found contaminated after fording or washing. The lowest level of maintenance authorized to lubricate a point is indicated by one of the following symbols as appropriate: Operator/Crew (C); and Organizational Maintenance (O).

Reporting errors and recommending improvements. You can help us improve this manual. If you find any mistakes, or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Tank-Automotive Command, ATTN: DRSTA-MB, Warren, MI 48090. A reply will be furnished to you.

• The time specified is the time required to perform all services at the particular interval.

*TOTAL MAN-HOURS		*TOTAL MAN-HOURS	
INTERVAL	MAN-HOURS	INTERVAL	MAN-HOURS
10	0.10	200	0.30
50	1.5	500	3.2
100	0.30	1000	2.00

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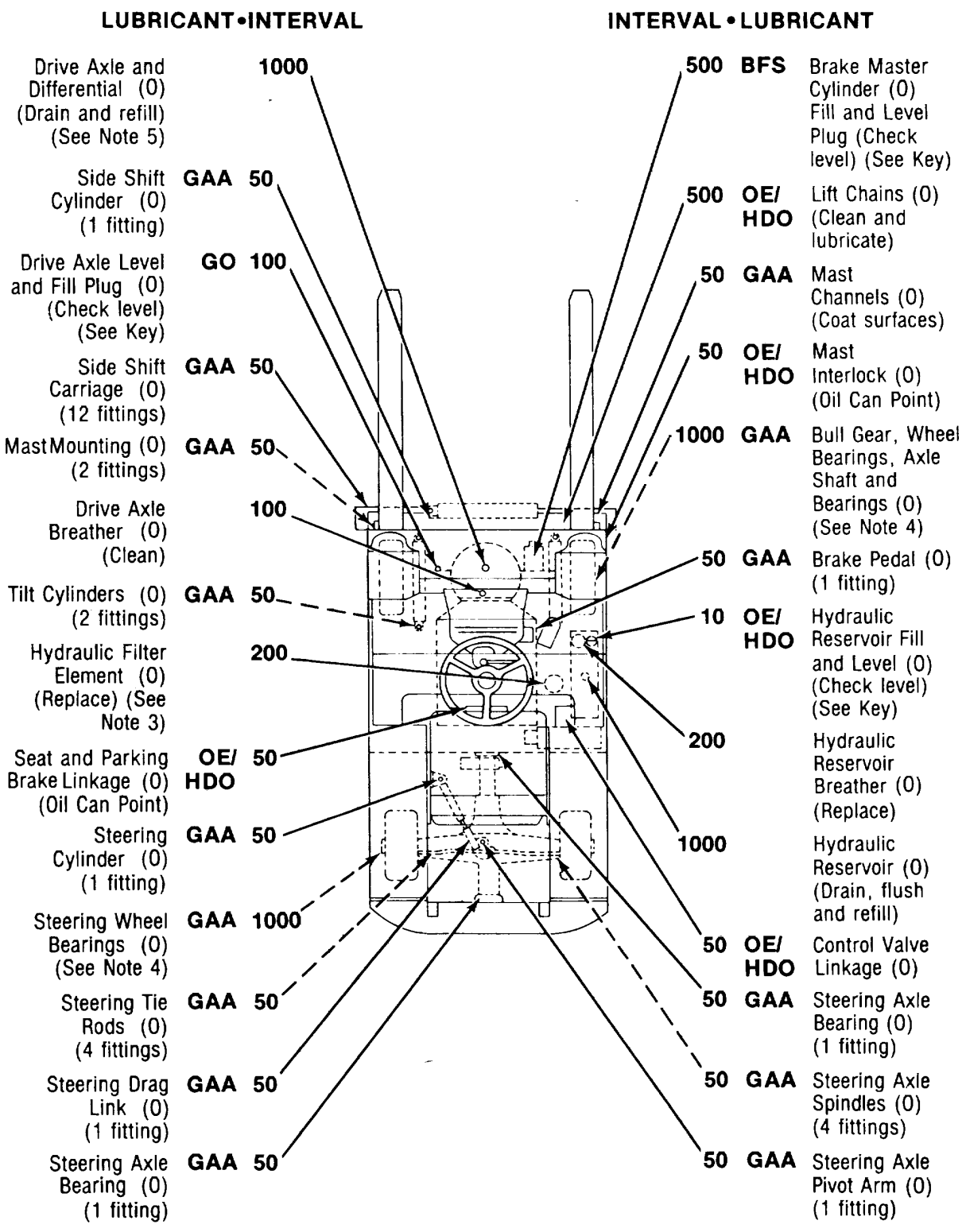
LUBRICANT•INTERVAL
INTERVAL•LUBRICANT
Drive Axle and Differential (O) (Drain and refill) (See Note 5) 1000
Side Shift Cylinder (O) (1 fitting) GAA 50
Drive Axle Level and Fill Plug (O) (Check level) (See Key) GO 100
Side Shift Carriage (O) (12 fittings) GAA 50
Mast Mounting (O) (2 fittings) GAA 50
Drive Axle Breather (O) (Clean) 100
Tilt Cylinders (O) (2 fittings) GAA 50
Hydraulic Filter Element (O) (Replace) (See Note 3) 200
Seat and Parking Brake Linkage (O) (Oil Can Point) OE/HDO 50
Steering Cylinder (O) (1 fitting) GAA 50
Steering Wheel Bearings (O) (See Note 4) GAA 1000
Steering Tie Rods (O) (4 fittings) GAA 50
Steering Drag Link (O) (1 fitting) GAA 50
Steering Axle Bearing (O) (1 fitting) GAA 50
500 BFS Brake Master Cylinder (O) Fill and Level Plug (Check level) (See Key)
500 OE/HDO Lift Chains (O) (Clean and lubricate)
50 GAA Mast Channels (O) (Coat surfaces)
50 OE/HDO Mast Interlock (O) (Oil Can Point)
1000 GAA Bull Gear, Wheel Bearings, Axle Shaft and Bearings (O) (See Note 4)
50 GAA Brake Pedal (O) (1 fitting)
10 OE/HDO Hydraulic Reservoir Fill and Level (O) (Check level) (See Key)
200 Hydraulic Reservoir Breather (O) (Replace)
1000 Hydraulic Reservoir (O) (Drain, flush and refill)
50 OE/HDO Control Valve Linkage (O)
50 GAA Steering Axle Bearing (O) (1 fitting)
50 GAA Steering Axle Spindles (O) (4 fittings)
50 GAA Steering Axle Pivot Arm (O) (1 fitting)
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