LUBRICATION ORDER

25 MARCH 1991

*LO 10-3930-638-12

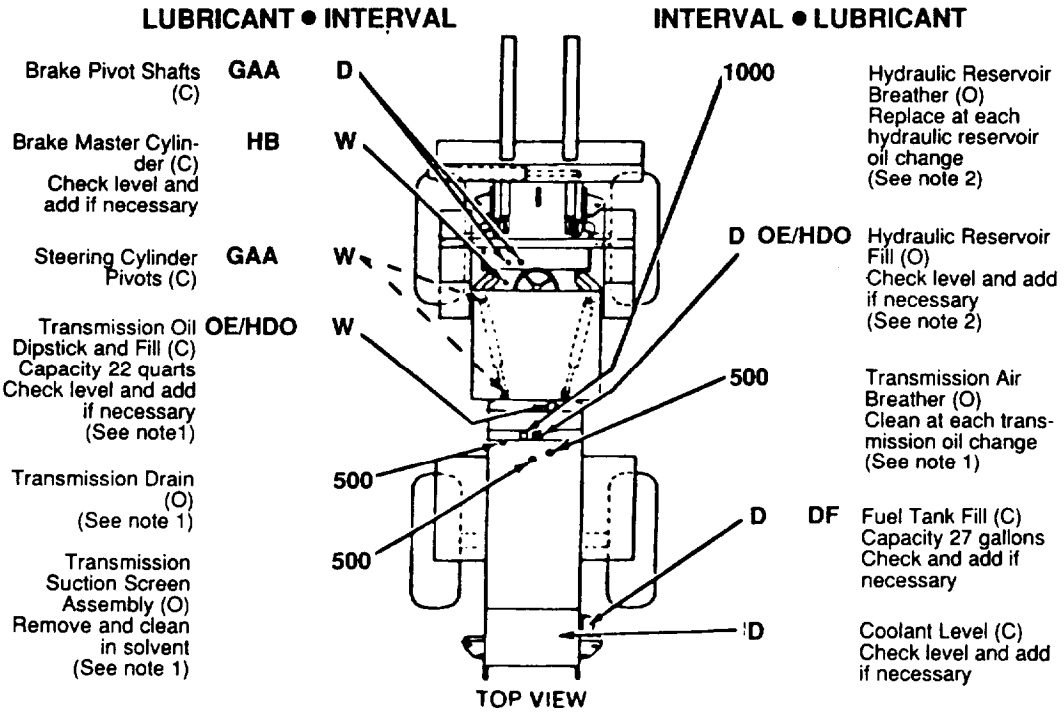
TRUCK, FORKLIFT, DED, PNEUMATIC TIRE, ARTICULATED FRAME STEER, 4,000 LB. CAPACITY, ROUGH TERRAIN, ARMY MODEL MHE 237 (J.I. CASE MODEL M4K) (NSN 3930-01-076-4237)

References: TM 10-3930-638-10 and TM 10-3930-638-24&P

Engine/Transmission oil and Hydraulic fluid must be sampled at the appropriate intervals as prescribed in TB 43-0210. Intervals (on-condition or hard time) 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. On-condition (OC) oil sample intervals shall be applied unless changed by the Army Oil Analysis Program (AOAP) laboratory. Change the hard time interval if your 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 level activity. If extended, adequate preservation precautions must be taken. Hard time intervals will be applied in the event AOAP laboratory support is not available. Clean fittings before lubricating. Clean parts with dry cleaning solvent, (SD) type II or equivalent. Dry before lubricating Dotted errors indicate required lubrications on both sides of the equipment.

Level of Maintenance. The lowest level of maintenance authorized to lubricate a point is indicated by one of the following symbols: Operator/Crew (C); and Organizational Maintenance (O).

Relubricate after fording.



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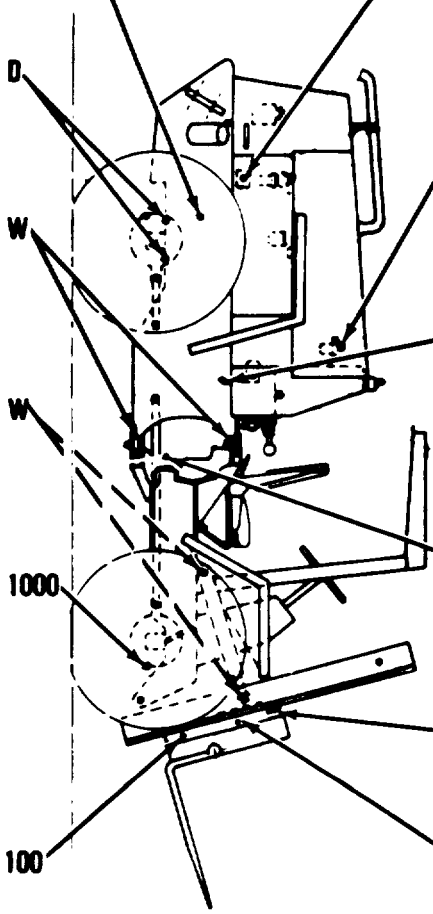
***This LO supersedes the lubrication instructions contained in LO 10-3930-638-12 dated 30 May 1980.**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this lubrication order. 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, U.S. Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, Michigan 48397-5000. A reply will be furnished to you.

LUBRICANT • INTERVAL			INTERVAL • LUBRICANT		
Engine crankcase Drain (O) Capacity 7 quarts (See note 3)	OE/HDO	100	100		Engine Oil Filter (O) Replace at each oil change (See note 3)
Rear Axle Trunnion Pin (C)	GAA	D	1000		Hydraulic Oil Filter (O) Replace at each hydraulic oil change (See note 2)
Center Joint Pivot (C)	GAA	W	1000	OE/HDO	Hydraulic Reservoir (O) Capacity 65 quarts Drain and refill (See note 2)
Tilt Cylinder Pivot (C)	GAA	W	W	GAA	Front Drive Shaft Support Bearing (C)
Differential Oil Front and Rear (O) Capacity 14 quarts Drain and refill (See note 4)	GO	1000	100	GAA	Rotation Cylinder Pivot Point (C)
Rotation Cylinder Pivot Point (C)	GAA	100	D	GAA	Rotation Bearing (C)



SIDE VIEW
(SHEET 1 OF 2)