

# LUBRICATION ORDER

28 FEBRUARY 1986

# LO 5-3805-262-12

**LOADER, SCOOP TYPE, DED, 4X4,  
ARTICULATED FRAME STEER, 2-1/2 CUBIC YARD  
(J.I. CASE MODEL MW24C)  
NSN 3805-01-150-4814**

Reference: TM 5-3805-262-10, TM 5-3805-262-20, C9100-IL, and 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 activity. If extended, adequate preservation precautions must be taken. Hard time intervals will be applied in the event AOAP laboratory support is not available.

### **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.

\* The time specified is the time required to perform all services at the particular interval (on-condition or hard times).

Clean fittings before lubricating. Clean parts with dry cleaning solvent (SD), Type II or equivalent. Dry before lubricating. Dashed arrow points indicate lubrication on both sides of the equipment.

The lowest level of maintenance authorize 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 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: AMSTA-MB, Warren MI 48397-5000. A reply will be furnished to you.

| *TOTAL   | MAN-HR | *TOTAL   | MAN-HR |
|----------|--------|----------|--------|
| INTERVAL | MAN-HR | INTERVAL | MAN-HR |
| D        | 0.5    | S        | 3.1    |
| W        | 0.6    | 150      | 0.7    |
| M        | 0.7    | 500      | 1.1    |

# LUBRICANT Ž INTERVAL

# INTERVAL Ž LUBRICANT

|                                                                                               |        |     |   |        |                                                                                                             |
|-----------------------------------------------------------------------------------------------|--------|-----|---|--------|-------------------------------------------------------------------------------------------------------------|
| Hydraulic Reservoir<br>Sight Gage<br>Check level<br>(C) (See note 3)                          | —      | D   | M | GO     | Differential Oil Level<br>and Fill<br>Check level and add oil<br>if necessary<br>(O) (See note 8)           |
| Clamshell Pivot Pins<br>(C) 4 Fittings                                                        | GAA    | D   |   | OE/HDO | Hydraulic Reservoir<br>Fill until level is seen<br>in sight gage<br>(C) (See note 3)                        |
| Hydraulic Reservoir<br>Drain and refill<br>(O) (See note 3)                                   | OE/HDO | S   |   | —      | Hydraulic Oil Filter<br>Replace<br>(O) (See notes 2 & 3)                                                    |
| Brake Reservoir<br>Check level and add if<br>necessary (O)                                    | BFS    | W   |   | SD-2   | Hydraulic Reservoir<br>Suction Screen<br>Remove, clean, and<br>install<br>(O) (See note 2)                  |
| Transmission Dipstick<br>and Fill<br>Check level, add oil if<br>necessary<br>(C) (See note 6) | OE/HDO | W   |   | OE/HDO | Transmission Drain<br>On-condition<br>AOAP Analysis<br>Drain and Refill<br>(O) (See notes 6 & 7)            |
| Steering Hydraulic<br>Filter<br>Replace<br>(O) (See notes 2 & 3)                              | —      | 500 |   | SD-2   | Transmission Suction<br>Screen<br>Remove, clean, and<br>install<br>(O) (See note 6)                         |
| Rear Axle Trunnion<br>Pivots<br>(C) 2 Fittings                                                | GAA    | D   |   | —      | Transmission Oil Filter<br>On-condition<br>AOAP Analysis<br>Replace<br>(O) (See note 7)                     |
| Engine Dipstick and Fill<br>Check level, add oil if<br>necessary<br>(C) (See note 4)          | OE/HDO | D   |   | SD-2   | Transmission Breather<br>Remove, clean, and<br>install<br>(O) (See note 6)                                  |
| Engine Oil Filter<br>On-condition<br>AOAP Analysis<br>Replace<br>(O) (See notes<br>2, 4, & 5) | —      | 150 |   | OE/HDO | Engine Crankcase Drain<br>On-condition<br>AOAP analysis<br>Drain and Refill<br>(O) (See notes<br>2, 4, & 5) |
| Brake Reservoir<br>Check level and add if<br>necessary (O)                                    | BFS    | W   |   |        |                                                                                                             |

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