

LUBRICATION ORDER

LO 5-3805-250-12

20 DECEMBER 83

(Supersedes LO 5-3805-250-12-1, and -2, 21 JANUARY 1972)

LOADER, SCOOP TYPE: D.E.D. 4 WHEEL DRIVE, PNEUMATIC TIRED, HINGED FRAME STEER, 2 1/2 CU. YD. MULTI-PURPOSE BUCKET (J.I. CASE MODEL MW-24) (NSN 3805-00-253-0627)

Reference: TM 5-3805-250-14 AND FEDERAL SUPPLY CATALOG C9100-IL.

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 parts or fittings with dry cleaning solvent (SD), Type II 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.

● TOTAL MAN-HOURS		● TOTAL MAN-HOURS	
INTERVAL	MAN-HOURS	INTERVAL	MAN-HOURS
10	0.8	250	0.4
50	0.7	1000	3.6
100	1.6		

TA 219611

LUBRICANT ● INTERVAL

INTERVAL ● LUBRICANT

Brake Actuator Fill and Level Plug (C)
(Check level)

Hydraulic Reservoir Filters (C)
(See Note 9)

Hydraulic Reservoir Drain Plugs (O)
(Drain and refill)

Transmission and Torque Converter Oil Filter (O)
(See Notes 1 and 8)

Starter Bearings (O)
(Remove plugs, lubricate sparingly, install plugs)

Rear Planetary Hub Fill and Drain (O)
(See Key) (See Note 11)

Rear Planetary Level Plug (O)
(Check level)

Engine Crankcase Oil Fill and Level (O)
(Check level) (See Key) (See Note 4)
CAUTION: When OEA oil is used the level will be checked more often.

Engine Oil Filter (O)
(See Notes 1 and 6)

Engine Accessory Alternator
(Sealed bearings, no lubrication required.)

BFS 50

1000

1000

OC
or
1000

OE/
HDO 250

GO **C/MR**

50

OE/
HDO 10

OC
or
100

10

OE/ Hydraulic
HDO Reservoir Fill and Level Cap (O)
CAUTION: Before removing cap close air valve on tank and slowly loosen filler cap to relieve pressure in reservoir. (Check level) (See Key)

C/MR **GO**

50

Front Planetary Hub Fill and Drain (O)
(See Key)
(See Note 11)

Front Planetary Level Plug (O)
(Check level)

100

OE/ Accelerator Shaft
HDO Linkage (C)
(Sparingly)

100

OE/ Loader Control
HDO Lever Pivots (C)
(Sparingly)

100

OE/ Hand Brake Lever
HDO (C)

OC
or
1000

Transmission and Converter Drain Plug (O)
(Drain and refill)
(See Notes 1 and 7)

1000

Air Cleaner (C)
(Dry type. No lubrication required)

Transmission and Torque Converter Oil Strainer (O)
(See Note 7)

50

OE/ Transmission and
HDO Torque Converter Fill and Level Cap (O)
(See Key) (Check level) (See Note 7)

Engine Crankcase Drain Plugs (O)
(Drain and refill)
(See Notes 1 and 5)

TA219612

LUBRICANT • INTERVAL

INTERVAL • LUBRICANT

Front Differential
Drain Plug (0)
(Drain and refill)
(See Note 10)

C/MR

50 G O

Front Differential
Fill and Level
Plug (o)
(Check level)
(See Key)

Steering
Cylinders (C)
(4 fittings)

G A A 10

250 OE/
H DO

Steering Gear
Housing Fill
and Level (0)
(See Key) (See
Note 12)

Intermediate
Propeller Shaft
and Spline (C)
(Sparingly)

G A A 50

50 G A A Drag Link (0)

Rear Propeller
Shaft and
Spline (C)
(Sparingly)

G A A 50

10 G A A Chassis Center
Pivots (0)

Rear Differential
Drain Plug (0)
(Drain and refill)
(See Note 10)

C/MR

50 G A A Center Support
Bearing (0)

Rear Differential
Fill and Level
Plug (o)
(Check level)
(See Key)

GO 50

10 G A A Rear Axle Pivot
Pins (C)
(2 fittings)

250 G A A Towing
Pintle (C)
(2 fittings)

