

LUBRICATION ORDER

LO 5-3810-287 12

6 February 84

(Supersedes LO 5-3810-287-12-1, -3, and -4, 1 MARCH 1968
and LO 5-3810-287-12-2, and -5, 13 FEBRUARY 1970)

CRANE-SHOVEL, CRAWLER MTD., DIESEL ENGINE
DRIVEN; 12 112-TON CAPACITY RATED, 3/4 CU YD
(THEW-LORAIN MODEL L-36M) (NSN 3810-00-937-3939)

Reference: TM 5-3810-287-15 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.

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 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.

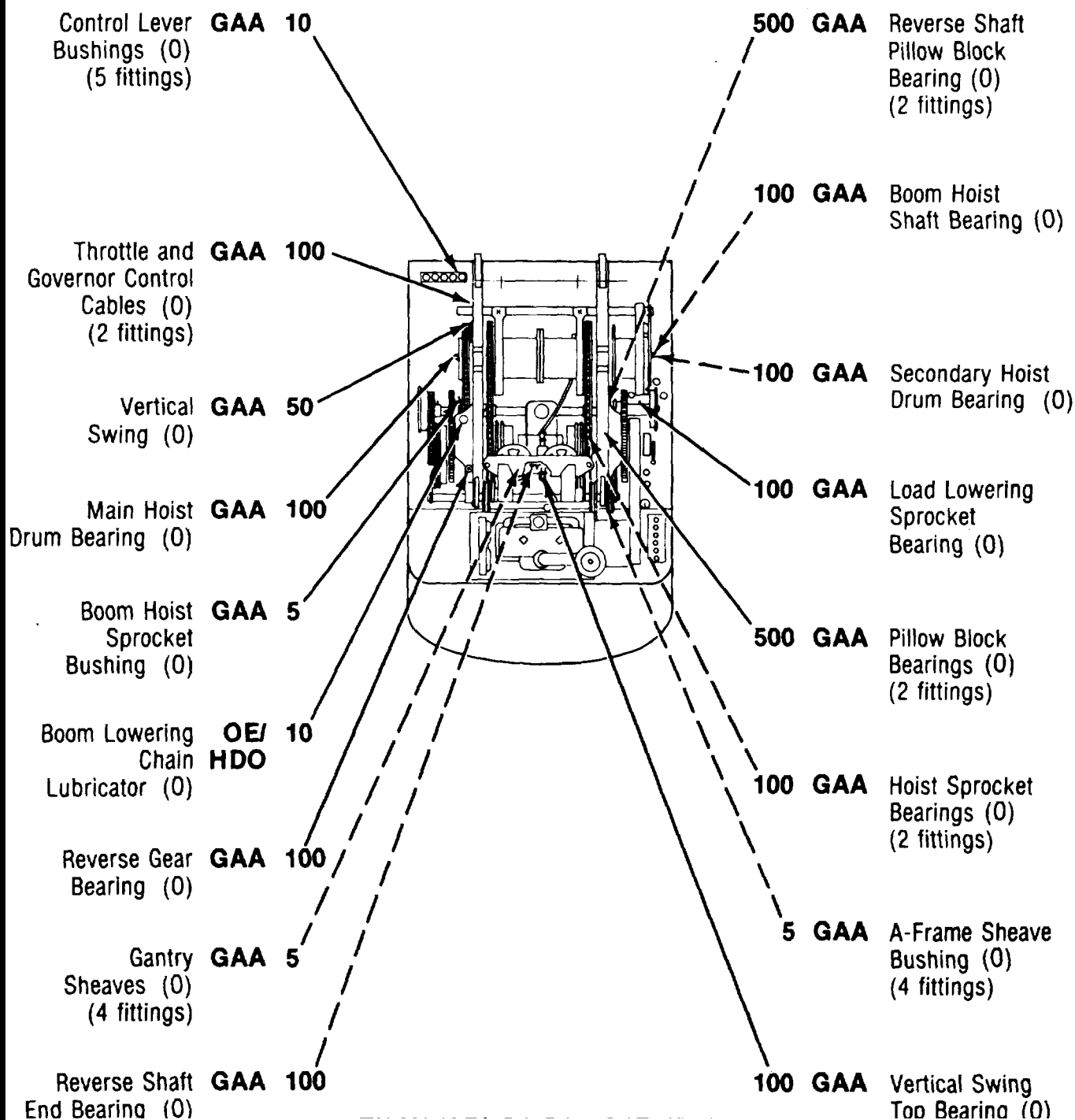
*The time specified is the time required to perform all services at the particular interval (on-condition or hard times).

TOTAL MAN-HOURS		TOTAL MAN-HOURS	
INTERVAL	MAN-HOURS	INTERVAL	MAN-HOURS
5	1.4	100	2.5
10	2.6	250	0.4
50	0.6	500	0.5
		1000	1.0

TA 220413

LUBRICANT INTERVAL

INTERVALS LUBRICANT



TURNTABLE BED ASSEMBLY

TA 220414

LUBRICANT I NTERVAL

INTERVALS LUBRICANT

Roller Bearings (0)
(2 fittings) (Use 8
oz grease in each
fitting)

BR 100

Power Boom
Lowering
Chain (0)

**OE/
HDO 10**

Boom Lowering
Sprocket
Bearing (0)

GAA 100

Cone Collar Shifter
Shoes (0)
(5 points)

**OE/
HDO 10**

Cone Rollers (0)
(5 Points)

**OE/
HDO 10**

Exposed Gears (0)

CW 10

Hydraulic Control
Reservoir Fill and
Level Plug (0)
(Check level)
(See Key)

BFS 10

Hydraulic Oil
Filter (0)
(See Note 8)

1000

500 GAA

Retract Cable
Sheave (0)

50 GO

Gear Case Fill and
Level Cap (0)
(Check level)
(See Key)

C/MR

Gear Case Drain
Plug (0)
(Drain and refill)
(See Note 11)

**5 OE/
HDO**

Morin Trip
Togmaster (0)
(See Note 9)

10 OHT

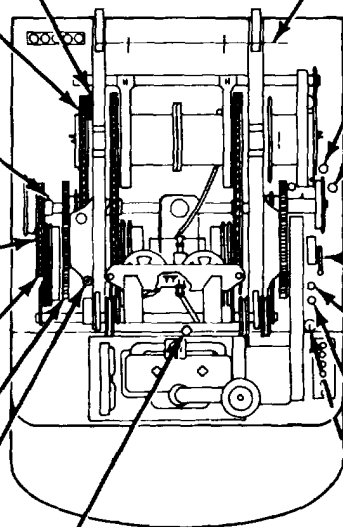
Hydraulic Reservoir
Fill and Level
Cap (0)
(Check level)
(See Key)

1000

Hydraulic Reservoir
Drain Plug (0)
(Drain and refill)
(See Note 8)

**10 OE/
HDO**

Power Take-off
Chain
Lubricator (0)



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