

LUBRICATION ORDER

LO 5-3895-263-12

(Supersedes LO 5-3895-263-15, 18 FEBRUARY 1964)

22 March 1984

**ROLLER, MOTORIZED; GASOLINE, 3-WHEEL, 10-TON,
W/SCARIFIER AND SPRINKLER (HUBER CORP,
MODEL E101 2M) (NSN 3895-00-952-5840)
AND W/SPRINKLER ONLY (NSN 3895-00-902-8455)**

Reference: TM 5-3895-263-15 and FEDERAL 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 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.

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

*TOTAL MAN-HOURS		*TOTAL MAN-HOURS	
INTERVAL	MAN-HOURS	INTERVAL	MAN-HOURS
10	2.8	250	0.6
50	0.6	1000	1.5
100	1.2	2000	0.7

TA 220573

LUBRICANT • INTERVAL

INTERVAL • LUBRICANT

King Pin **GAA 50**

Bearings (C)
(Upper and lower)

Hydraulic Oil Tank
Drain Plug (O)
(Drain and refill)

Hydraulic Steering
Cylinder Pin (C) **GAA 10**

Torque Converter
Fill and Level
Cap (C) (Check
level) (See Key)
(See Note 7) **OE/
HDO 50**

Torque Converter
Drain Plug (O)
(Drain and refill)

Forward and
Reverse Clutch
Throwout
Collar (O) **GAA 10**

Transmission
Fill Plug (O)
(See Key) **GO**

Transmission
Breather (C)
(Clean and oil) **OE/
HDO 250**

Transmission Drain
Plug (O) (Drain and
refill) (See Note 8)

Differential
Lock Shaft
Universal
Joints (O) **GAA 1000**

Drive Roll
Axle Bearings (C) **GAA 10**

1000

2000

C/MR

GAA

**OE/
HDO**

GAA

GO

**OE/
HDO**

GAA

GAA

50

10

10

**OE/
HDO**

50

250

10

10

10

250

10

10

10

GAA

GAA

GAA

**OE/
HDO**

**OE/
HDO**

GAA

GAA

GAA

GAA

GAA

GAA

Steering Yoke
Bearings (C)

Hydraulic Steering
Cylinder Pin (C)

Steering Roll
Bearings (C)

Hydraulic Oil
Tank Filler
Cap (C)
(See Key)

Hydraulic Oil
Tank Level
Plug (C)
(Check level)

Torque Converter
Breather (C)
(Clean and oil)

Throttle Cable (C)

Forward and
Reverse Clutch
Shift Arm (C)

Drive Roll
Bearings (C)

Transmission
Level Plug (C)
(Check level)

Throttle Cable (C)

Scarifier Wheel
Bearings (C)

Final Drive
Gears (C)

PLAN VIEW

LUBRICANT • INTERVAL

INTERVAL • LUBRICANT

Generator
(Sealed bearings,
no lubrication
required)

Crankcase
Fill Cap (C)
(See Key)

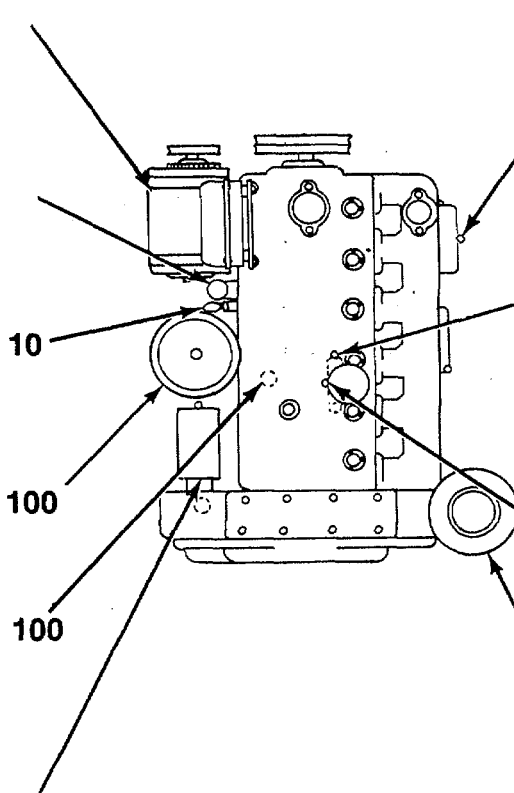
Crankcase
Level Gage (C)
(Check level)
(See Note 3)

Oil Filter (O)
(Replace element)
(See Note 5)

Crankcase
Drain Plug (O)
(Drain and refill)
(See Note 4)

Starter
(Sealed bearings,
no lubrication
required)

**OE/
HDO**



2000 **OE/
HDO** Magneto
Wick (O)
(Lubricate
sparingly)

100 **GAA** Tachometer Drive
Adapter (O)
(Screw cup down
3 turns. Refill
cup as required)

100 **OE/
HDO** Overspeed
Governor (C)
(Lubricate
sparingly)

10 **OE/
HDO** Air Cleaner (C)
(See Key)
(See Note 6)

PLAN VIEW

TA 220575