

LUBRICATION ORDER
24 OCTOBER 1986

LO 9-2320-355-20

HIAB MODEL 8108 MEDIUM
MATERIAL HANDLING CRANE (MHC)
FOR

M985E1 CARGO, 8 X 8

HEAVY EXPANDED MOBILITY TACTICAL TRUCK (HEMTT)

MODEL

NSN

CRANE, MEDIUM MATERIAL HANDLING 81083810-01-204-7842

TRUCK, CARGO, WITH WINCH M985E1 2320-01-194-7032

TRUCK, CARGO, WITHOUT WINCH M985E1 2320-01-194-7031

Reference: LO 9-2320-279-12, TM 9-2320-355-10, and TM 9-2320-355-24&P

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.

Intervals shown in this lubrication order are based on calendar and hourly times or calendar times and mileage. An example of a calendar and hourly lubrication interval is: **M/60HR**, in which **M** stands for monthly and **60 HR** stands for 60 hours of vehicle operation. An

example of a mileage and calendar interval is: **1.5/Q**, in which **1.5** stands for 1,500 miles (2,400 k m), and **Q** stands for quarterly (every three months). The lubrication is to be performed at whichever interval occurs first for the vehicle.

Determination of operating hours. The reading on the vehicle hourmeter, which is part of the tachometer in the driver's instrument panel, is the basis of all lubrication intervals that are based on hours of operation. When hour-based intervals are shown for components that are operated for only part of the vehicle operating time, use the hourmeter reading to determine the interval, because the proportions of component vs vehicle operating time have already been figured into the intervals shown in this lubrication order.

EXAMPLE:

Slewing housing of HIAB 8108 crane shows lubrication interval of M/60 HR. This means that the slewing housing is to

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be lubricated every month or every 60 hours of vehicle operation, whichever comes first.

WARNING

Drycleaning solvent SD P-D-680 is toxic and flammable. Wear protective goggles and gloves and use only in a well ventilated area. Do not use near open flame or excessive heat. The flash point is 100-138° F (38-59°C). If you become dizzy while using cleaning solvent, get fresh air immediately and get medical aid. If contact with eyes is made, wash your eyes with water and get medical aid immediately.

Clean fittings before lubricating. Clean parts with drycleaning solvent SD P-D-680 or equivalent. Dry before lubricating.

Dotted arrow points indicate lubrication on both sides of the equipment.

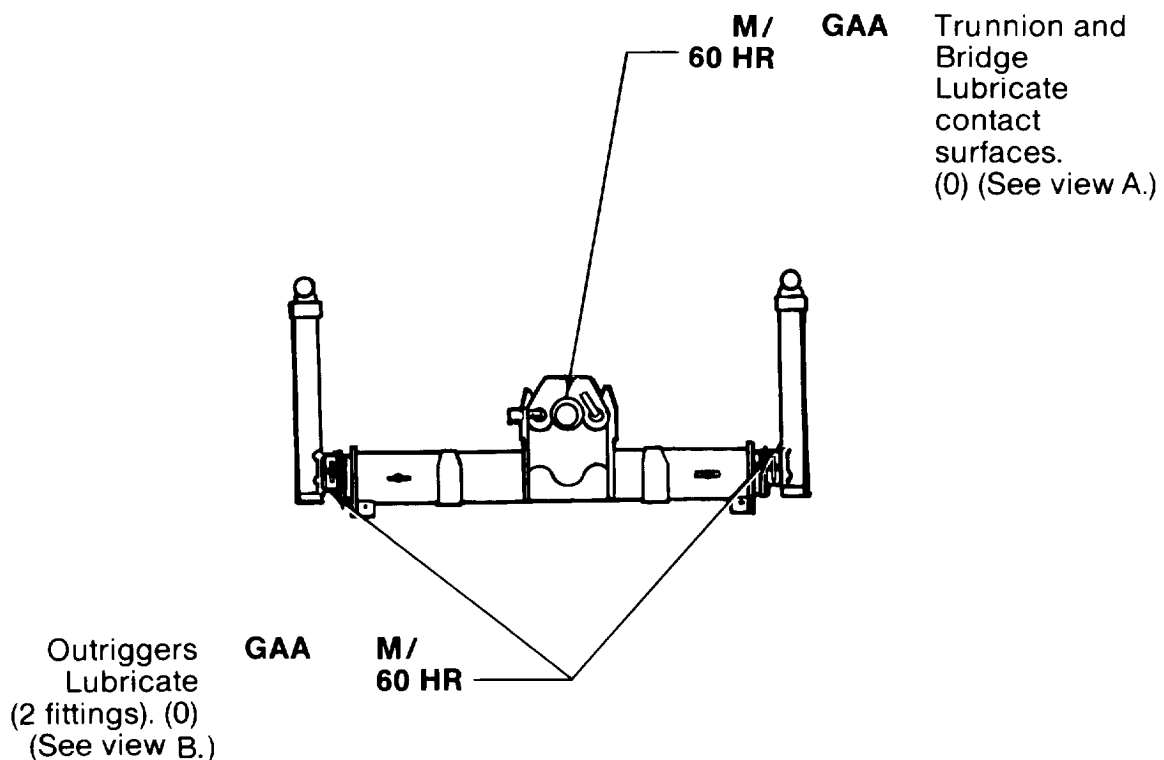
Level of Maintenance. The lowest level of maintenance authorized to lubricate a point is indicated by the following symbol: (O) Organizational Maintenance.

Refer to LO 9-2320-279-12 for lubrication instructions for the HEMTT vehicle and crane hydraulic system.

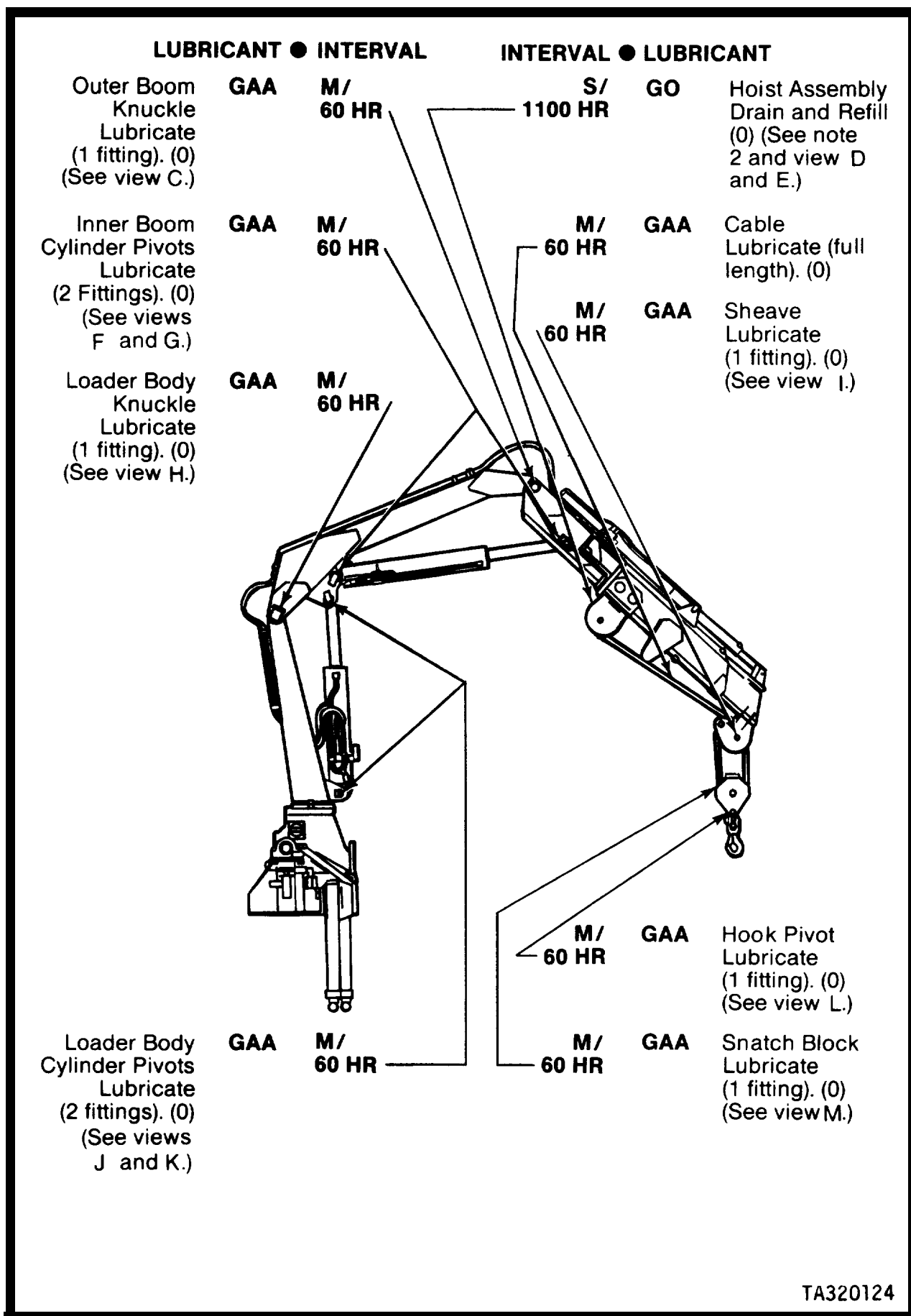
Reporting errors and recommending improvements. You can help improve this lubrication order. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, Michigan 48397-5000. A reply will be furnished to you.

LUBRICANT ● INTERVAL

INTERVAL ● LUBRICANT



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