

8 November 1993

**TRUCK, FORKLIFT: ADVERSE TERRAIN,
10,000 LB CAPACITY, M544E
(NSN 3930-01-301-8250)**

References: TM 10-3930-659-10 and TM 10-3930-659-20

REPORTING OF 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, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in the back of this manual, directly to: Commander, U.S. Army Tank-Automotive Command, ATTN: AMSTA-MB, Warren, MI 48397-5000. A reply will be furnished to you.

This LO is for Crew/Operator (C) or Unit (O) Maintenance. Lubrication intervals (on-condition or hard time) are based on normal operation. Lube more during constant use and less during inactive periods. Use correct grade of lubricant for seasonal temperature expected.

AOAP sampling intervals for the engine and transmission are 50 hours of operation or 90 days, whichever comes first. Hydraulic system sampling is annually as prescribed by DA Pam 738-750. If AOAP laboratory support is not available, HARD TIME INTERVALS APPLY

Engine, transmission, and hydraulic system oil filters shall be changed when:

- They are known to be contaminated, or clogged;
- Service is recommend by AOAP laboratory analysis; or
- At prescribed hard time interval.

On pictures, a dashed line (- - -) means lube points on both sides.

WARNING

- Dry cleaning solvent, P-D-680, is toxic and flammable. Always wear protective goggles and gloves, and use only in a well-ventilated**

area. Avoid contact with skin, eyes, and clothes, and DO NOT breathe vapors. DO NOT use near open flame or excessive heat. The solvent's flash point is 100°F-138°F (38 C-59°C). If you become dizzy while using cleaning solvent, immediately get fresh air and medical help. If solvent contacts eyes, immediately wash your eyes and get medical aid.

- Always install the frame locking bar before working in the frame hinge pivot area (see TM 10-3930-659-10). Failure to follow this warning could cause injury or death to personnel.**

Clean all fittings and area around lubrication points with dry cleaning solvent or equivalent before lubricating equipment. After lubrication, wipe off excess oil or grease to prevent accumulation of foreign matter.

Before you start your lube service:

ALWAYS

- Clean grease fittings before lubricating.
- Use the Lubrication Order as your guide.

NEVER

- Use wrong type/grade grease.
- Use too much lubricant.

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