LUBRICATION ORDER

LO 5-4320-273-12

9 January 1992

(Supersedes LO 5-4320-273-12, 23 May 1978)

PUMPING ASSEMBLY, FLAMMABLE LIQUID, BULK TRANSFER, GED, 350 GPM CAPACITY, 275 FEET TOTAL HEAD, WHEEL MOUNTED (GORMAN-RUPP MODEL MVG4D) W/WISCONSIN ENGINE MODEL MVG4D

References: TM 5-4320-272-14 and C9100-IL

Reporting errors and recommending improvements. You can 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) directly to Commander, U.S. Army Troop Support Command, ATTN: AMSTR–MMTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120–1798. A reply will be furnished to you.

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

Intervals (on-condition or hard time) and the related work-hour times are based on normal operation. The work-hour 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 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 or required.

Ensure Pumping Assembly is level before checking oil levels.

Lubricate after fording, or as soon after as unit movement permits.

On the picture a dash line (--) means lube points on both sides.

Clean parts with dry cleaning solvent (SD), type II or equivalent. Dry before lubricating. Drain oils while they are warm.

Before you start your lube service:

ALWAYS	NEVER
a. Clean grease fittings before lubrication.	a. Use wrong type/grade grease.
b. Use the lubrication order as your guide.	b. Use too much lubricant.

DISTRIBUTION STATEMENT A - Approved for public release; distribution is unlimited.