

LO 10-4610-241-12 (ARMY) TO 4OW4-13-51 (AIR FORCE)

15 September 1997

Supersedes LO 10-4610-241-12, 15 September 1992

**WATER PURIFICATION UNIT, 600 GPH TRAILER MOUNTED,
FLATBED CARGO, 5 TON 4 WHEEL TANDEM ROWPU,
MODEL WPES-10 NSN 4610-01-341-6289
AND MODEL H-9518-1 NSN 4610-01-420-7547
AND 600 GPH SKID MOUNTED MODELS
WPES-20 NSN 4610-01-341-6288
AND H-9518-2 NSN 4610-01-420-7546
AND WPES30 NSN 4610-01-341-6287
AND H-9518-3 NSN 4610-01-420-7548**

References: TM 10-4610-241-10/TO 4OW4-13-41, TM 10-4610-241-24/TO 4OW4-13-42

REPORTING OF ERRORS

You can help improve this bulletin. 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. Tank-Automotive and Armaments Command, Attn:AMSTA-AC-NML, Rock Island, IL 61299-7630. You may also submit your recommended changes by E-mail directly to amsta-ac-nml@ria-emh2.army.mil, or fax number 309/782-0726/DSN 793-0726. A reply will be finished directly to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

Approved for public release, distribution is unlimited.

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 inactive periods. The task-hour specified is the time you need to do all the services prescribed for a particular interval. Use correct grade of lubricant for seasonal temperature expected.

For equipment under manufacturers warranty, hard time oil service intervals shall be followed. Intervals shall be shortened if lubricants are known to be contaminated or if operation is under adverse conditions (such as longer than usual operating hours, extended idling periods, extreme dust).

Chemical feed pump (all models) and R.O. pump oils (only on Models WPES-10, WPES-20 and WPES-30) must be sampled at 100 hour intervals as prescribed by TB 43-0106. On-condition (OC) oil sample intervals shall be applied unless changed by the Army Oil Analysis Program (AOAP) laboratory.

Ensure ROWPU is level before checking oil levels in chemical feed pump (on all models) and R.O. pump (only on Models WPES-10, WPES-20 and WPES-30). Drain oils while they are warm.

Lubricate trailer immediately after fording, or as soon after unit movement permits. Dry equipment before lubricating.

On the picture, a dashed line (--) means there are lubrication points on both sides of the equipment.