LUBRICATION ORDER

25 SEPTEMBER 1992

PUMP UNIT, CENTRIFUGAL, DIESEL-DRIVEN,
SELF-PRIMING, 125 GPM WATER, CLASS 3
4320-01-357-1930

Approved for public release; distribution is unlimited.

Reference: TM 10-4320-325-14 and -24P

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

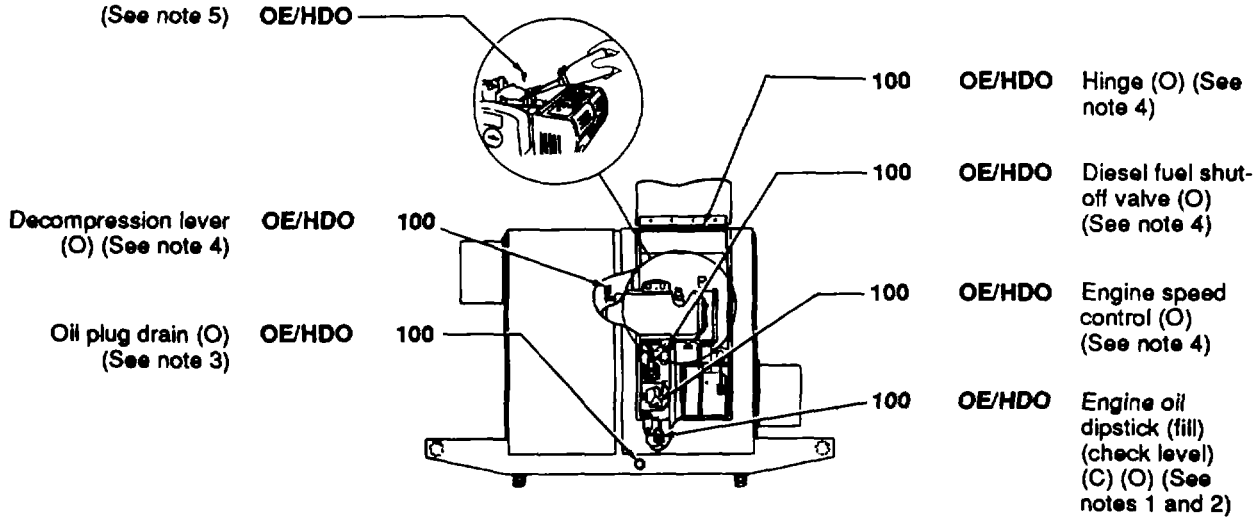
Clean parts with dry cleaning solvent conforming to P-D-680, SD-2. Dry before lubricating. Dotted arrow points indicate lubrication on both sides of the equipment.

The lowest level of maintenance authorized to lubricate a point is indicated by one of the following symbols as appropriate: Operator/crew (C) and Unit 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 you letter of DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Aviation and Troop Command, ATTN: AMSTR-MMTS, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished to you.

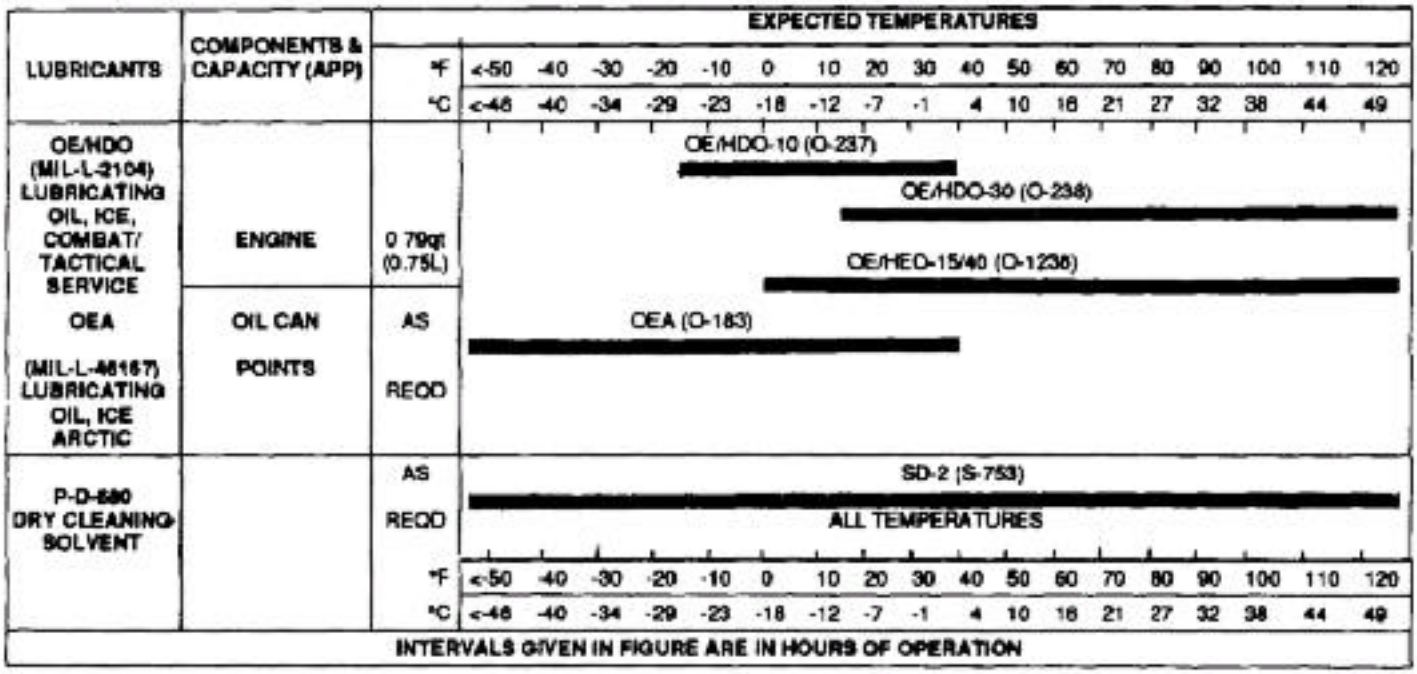
LUBRICANT • INTERVAL

INTERVAL • LUBRICANT



TOTAL TASK-HR		TOTAL TASK-HR	
D	0.1	100	0.5

KEY



NOTES:

1. Unscrew dipstick. Check appearance of oil on dipstick for water contamination, excessive foaming, or particle contamination. If any of these conditions exist, have oil changed.

2. When checking oil level, make sure engine is stopped and sitting level. If engine is tilted, you may add either too much or too little oil. Do not overfill. Engine damage could result. If overfilled, notify unit maintenance. Always check the lube oil level before starting engine and refill if necessary. Unscrew dipstick and wipe clean. Observe "H" mark on dipstick indicating full. Place dipstick into pan. Do not screw dipstick into oil pan. Remove dipstick and observe oil level. Add oil as needed to bring oil level to top mark "H".

3. Drain oil with engine stopped and level. Engine oil should be hot. Observe oil for evidence of contamination. If contaminants are found, notify direct support maintenance personnel. Install drain plug, and tighten. Unscrew dipstick and fill oil pan with oil (OE/HDO). See KEY. Maximum oil pan capacity is 0.79 quart. Screw dipstick into oil pan.

4. Apply a drop of oil to component shaft or several drops along hinge (O). On hinge, open and close door to work oil into hinge.

5. The engine is equipped with a rubber plug in the rocker arm cover to aid in cold weather starting (C). The plug is removed and a small quantity of engine oil (OE/HDO) is added before starting.

Copy of this lubrication order will remain with the equipment at all times; instructions contained herein are mandatory.

By Order of the Secretary of the Army

GORDON R. SULLVAN
General, United States Army
Chief of Staff

Official:

MILTON H. HAMILTON
Administrative Assistant to the Secretary of the Army
02795

DISTRIBUTION

To be distributed in accordance with DA Form 12-25-E, block no. 5965, requirements for TM 5-4320-309-14.