

# LUBRICATION ORDER

# L054320-259-12

10 JUNE 1977

(Supersedes LO5-4320-259-12, 4 November 1971)

**PUMPING ASSEMBLY, FLAMMABLE LIQUID,  
BULK TRANSFER, CENTRIFUGAL, GASOLINE  
ENGINE DRIVEN, 100 GPM  
(BARNES MODEL US6ACG) NSN 4320-00-150-6116  
W/ENGINE KOHLER MODEL K91P-31882A**

Reference: C9100-IL

Intervals and related task-hour times are based on normal hours of operation. The task-hour time specified is the time you need to do all the services prescribed for a particular interval. Change the interval if your lubricants are contaminated or if you are operating the equipment under adverse operating conditions, including longer-than-usual operating hours. You may extend the interval during periods of low activity, but you must take adequate preservation precautions.

Clean fittings before lubricating. Relubricate all areas exposed to water after amphibious operation. Lubricate points indicated by dotted arrow shaft on both sides of equipment. Clean parts with SOLVENT, dry cleaning, or with OIL, fuel, diesel. Dry before lubricated. Drain crankcase when HOT. Fill and check level. The lowest level of maintenance authorized to lubricate a point is indicated by one of the following: (C) operator/crew, or (O) organizational maintenance.

You can improve this publication by calling attention to errors and by recommending improvements and by stating your reasons for the recommendations. Your letter or DA Form 2028 (Recommended Changes to Publications and Forms) should be mailed directly to Commander, U. S. Army Troop Support Command, ATTN: DRSTS-MPP, 4300 Goodfellow Blvd., St. Louis, MO 63120. A reply will be furnished directly to you.

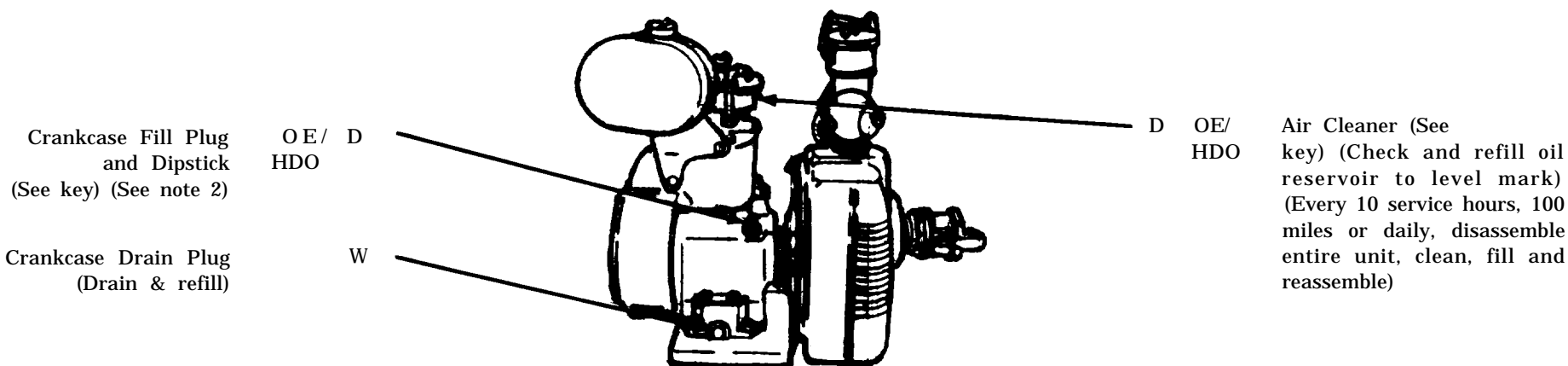
\*The time specified is the time required to perform all services at the particular interval.

FOLD

FOLD

LUBRICANT • INTERVAL

INTERVAL • LUBRICANT



\*TOTAL TASK HOURS

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| INTERVAL | TASK-HOURS |
|----------|------------|
| D        | 0.5        |

| INTERVAL | TASK-HOURS |
|----------|------------|
| W        | 1.5        |

-KEY-

| LUBRICANTS                                  | CAPACITY         | EXPECTED TEMPERATURES    |                                  |                                | INTERVALS   |
|---|------------------|--------------------------|----------------------------------|--------------------------------|---|
|   |                  | Above +32°F<br>Above 0°C | +40°F to -10°F<br>+ 5°C to -23°C | 0°F to -65°F<br>-18°C to -50°C |   |
| OE/HDO (MIL-L-2104) Oil, Engine, Heavy Duty |                  | OE/HDO 30                | OEA/APG-D-1                      | OEA/APG-D-1                    | D. 10 Hours,<br>100 Miles,<br>or Daily<br><br>W. 50 Hours,<br>500 Miles,<br>or Weekly |
| OE/HDO (MIL-L-2104) Crankcase               | 1 pt .473 liters |                          |                                  |                                |   |
| OE/HDO (MIL-L-2104) Air Cleaner             |                  |                          |                                  |                                |   |
| OEA/APG-D-1 Oil, Engine Sub-zero            |                  |                          |                                  |                                |   |

FOR ARCTIC OPERATION Refer to TM9-207

NOTES:

1. FOR OPERATION OF EQUIPMENT IN PROTRACTED COLD TEMPERATURES BELOW -10°F -23°C. Remove lubricants prescribed in the key for temperatures above -10°F -23°C. Relubricate with lubricants specified in the key for temperatures below -10°F -23°C.

2. Fill to full mark on dipstick if necessary.

3. LUBRICANTS. The following is a list of lubricants with the Military Symbols and applicable specification numbers.

OE-M-2104

OEA/APG-PD-1

DISTRIBUTION: To be distributed in accordance with DA Form 12-25A, Operator's Maintenance requirements for Petroleum Distribution.

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:

BERNARD W. ROGERS  
General, United States Army  
Chief of Staff

OFFICIAL:

PAUL T. SMITH  
Major General, United States Army  
The Adjutant General

FOLD

FOLD