

LUBRICATION ORDER

LO5-4320-218-12

20 JULY 1977 (Supersedes LO5-4320-218-12 Dated 18 November 1972)

PUMP, CENTRIFUGAL: PETROLEUM; GASOLINE DRIVEN, TRAILER MTD; 4 IN. 350 GPM, 275 FT HEAD (GORMAN-RUPP MODEL 04A12-MVG4D) (GORMAN-RUPP MODEL 04A12B-MVG4D)

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 service 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 lubricating. 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.

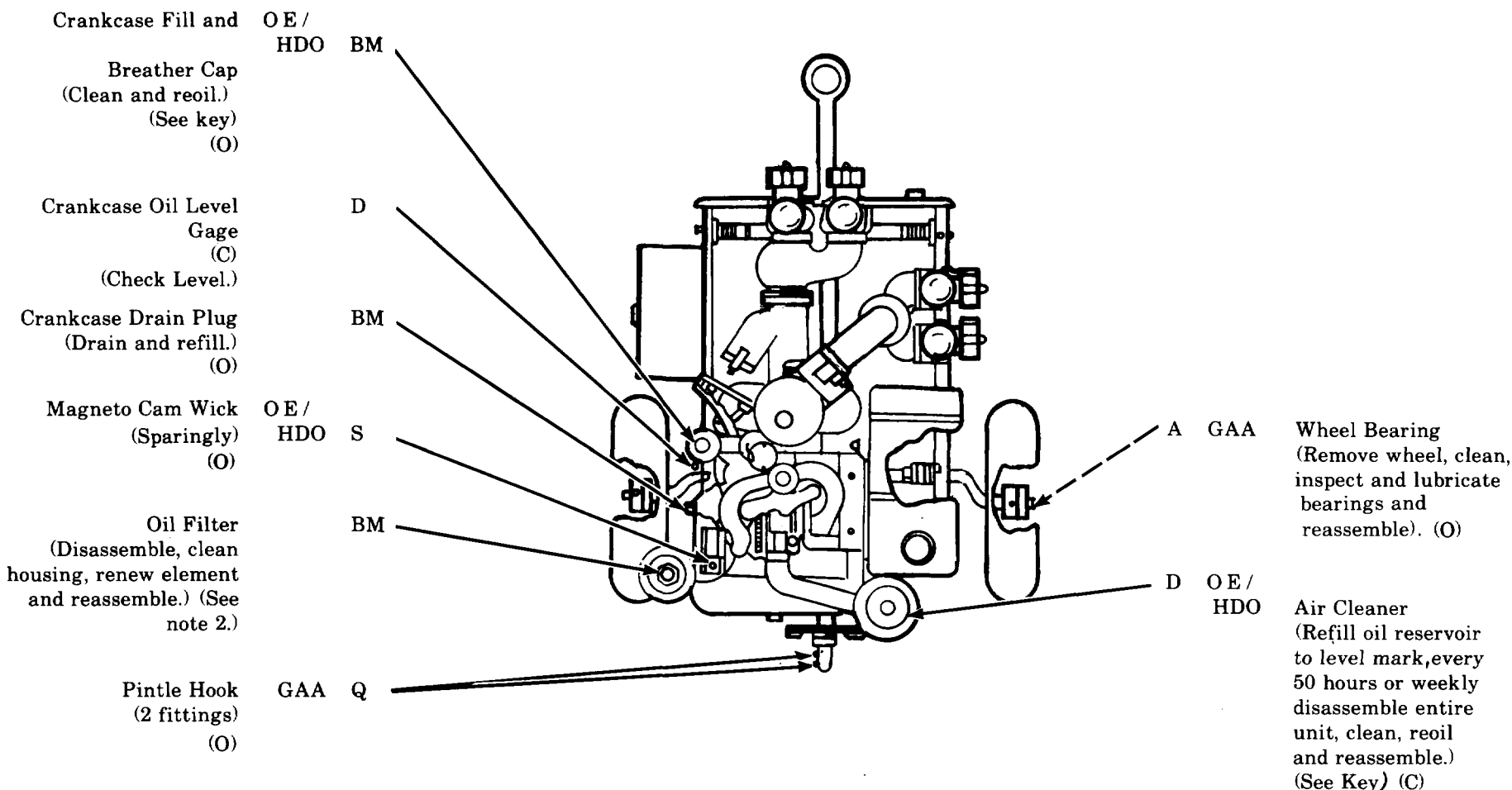
*The time specified is the time required to perform all services at the particular interval.

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LUBRICANT • INTERVAL

INTERVAL • LUBRICANT



*TOTAL TASK HOURS

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INTERVAL	TASK-HOURS
D	0.5
BM	0.25
Q	8.0

INTERVAL	TASK-HOURS
S	3.0
A	4.0

-KEY-

LUBRICANTS	CAPACITY	EXPECTED TEMPERATURES			INTERVALS
		Above +32°F Above 0°C	+40°F to -10°F + 5°C to -23°C	0°F to -65°F -18°C to -50°C	
OE/HDO Lubricating, (MIL-L-2104C) Oil, Engine		OE/HDO 30	OEA/APG-PD-1	OEA/APG-PD-1	For Arctic Operations Refer to TM 9-207 D- 10 Hours, 100 Miles, or Daily W- 50 Hours, 500 Miles, or Weekly BM- 100 Hours, 1000 Miles, or Bi-Monthly Q- 250 Hours, 2500 Miles, or Quarterly S- 500 Hours, 5000 Miles, or Semi-Annually A- 1000 Hours, 10,000 Miles, or Annually
OE/HDO Crankcase (MIL-L-2104C)	5 qt. 4.73 Liters				
OE/HDO Air Cleaner (MIL-L-2104C)	3/4 qt. .709 Liters				
OE/HDO Oil Can (MIL-L-2104C) Points					
OEA/APG-PD-1 Lubricating Oil, Sub-Zero					
GAA Grease, Automotive MIL-G-10924 and Artillery		ALL TEMPERATURES			

NOTES:

1. FOR OPERATION OF EQUIPMENT IN PROTRATED COLD TEMPERATURES BELOW -10°F(-23°C) Remove lubricants prescribed in the key for temperatures above -10°F (-23°C). Clean parts with SOLVENT, dry-cleaning. Re-lubricate with lubricants specified in the key for temperatures below -10°F(-23°C).

2. OIL FILTERS. After installing new filter elements, fill crankcase, operate engine 5 minutes, check housings for leaks, check crankcase oil level and bring to full mark.

3. OIL CAN POINTS. Every 50 hours or weekly, clean and lightly coat the governor and carburetor linkage, axle mounts, all clevis pins and hinges with OE/HDO.

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

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4. LUBRICANTS. The following is a list of lubricants with the Military Symbols and applicable specification numbers.
OE/HDO MIL-L-2104C OEA/APG-PD-1

GAA MIL-G-10924

OFFICIAL:

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

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