

5 June 1989

(Supersedes LO5-2805-213-12, 11 March 1977)

## ENGINE, GASOLINE: 14 HP, (MILITARY STANDARD MODEL A042)

References: TM 5-2805-213-14 AND FEDERAL SUPPLY CATALOG 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.

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

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 crankcases 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.

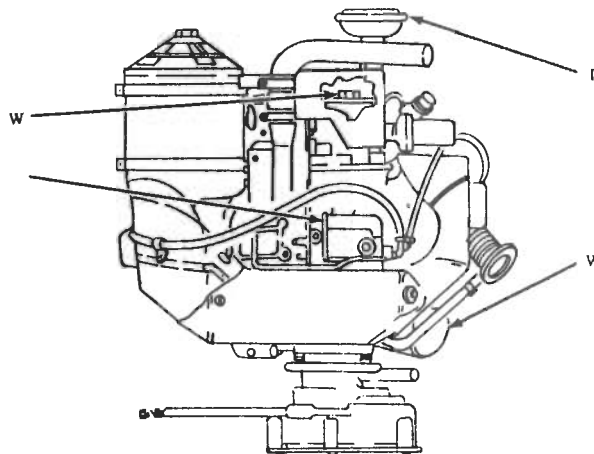
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LUBRICANT • INTERVAL

INTERVAL • LUBRICANT

Crankcase Drain Plug (O)  
(Drain and refill)

Magneto Cam Wick (O)  
(Spraying)  
(See note 5)



D OE/ HDO Crankcase Oil Fill and Level Gage  
(See key)  
(Check level) (C)

CAUTION: When OEA Oil is used the level will be checked more often.

Oil Filter  
(Disassemble entire unit, clean housing, renew element and reassemble)  
(See note 3)

*TOTAL TASK HOURS	
INTERVAL	TASK-HOURS
D	0.5
W	1.5

- 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 (MIL-L-2104C) LUBRICATING OIL, ENGINE	2-1/8 QT. (2.0 LITERS)	OE/HDO 30	OE/APG-PD-1	OE/APG-PD-1	D- 8 Hours or daily W- 50 hours or weekly
OE/HDO (MIL-L-2104C) CRANKCASE					
OE/HDO (MIL-L-2140C) OIL CAN POINTS					
OE/APG-PD-1 OIL, ENGINE, SUB-ZERO					

FOR ARTIC OPERATION REFER TO TM 9-207

**NOTES:**

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

2. OIL CAN POINTS. Every 25 hours lubricate all exposed adjusting threads with OE/HDO.

3. OIL FILTER. Every 50 hours remove filter element, clean housing, install new element, fill crankcase, operate engine for five minutes, check for leaks, check crankcase oil level, and bring to full mark.

4. LUBRICANTS. The following is a list of lubricants with the Military Symbol and applicable Specification numbers:

OE/HDO MIL-L-2140C                      OEA/APG-PD-1

5. Insure cam wick is lubricated with OE/HDO (sparingly) whenever ignition contact points are replaced or adjusted.

By Order of the Secretaries of the Army:

CARLE E. VUONO  
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Chief of Staff

Official:

WILLIAM J. MEEHAN, II  
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**DISTRIBUTION:**

To be distributed in accordance with DA Form 12-25A, Operator and Unit Maintenance Requirements for Engine, Gasoline, 14 HP, Model A042.