22 OCTOBER 1984

BOAT, BRIDGE ERECTION, INBOARD DIESEL ENGINE, ALUMINUM HULL, 27 FT LG, (ALUMINUM COMPANY OF AMERICA MODEL HICE-27D) (HIGHWAY PRODUCTS MODEL HPI-27C MODDED); (HIGHWAY PRODUCTS MODEL HPI-27B MODDED) (MARINETTE MARINE CORP. MODEL A27 MODDED) NSN 1940-00-417-0526

Reference TM 5-1940-221-12 and Federal Supply Catalog C9100-1L

Total TASK-HR is the tine needed to do all services (on-condition or hard-time) prescribed for a particular interval based on normal operation.

When operating under adverse conditions or if lubricants become contaminated, change your hard-time interval. You may also extend intervals during periods of low activity provided adequate preservation is performed.

The on-condition (OC) oil sample interval shall always apply unless otherwise directed by the Army Oil Analysis Program (AOAP) laboratory. In the event (AOAP) laboratory support is not available, apply your hard-time interval.

Clean fittings before lubricating. Relubricate after washing or fording.

Clean parts with dry-cleaning solvent type II (SO-II) and dry before lubricating.

Authorized level of maintenance symbols, operator/crew (C) and organizational maintenance (O).

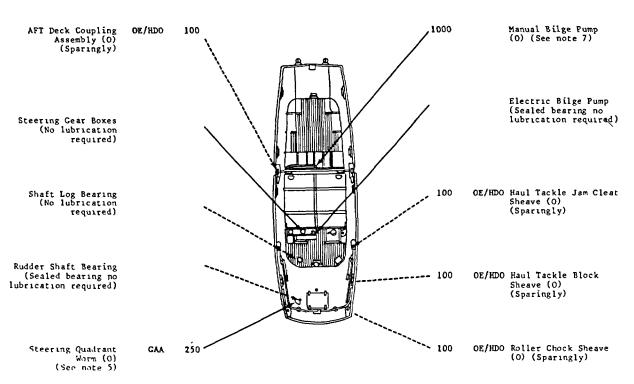
A dotted circle indicates a drain below and a dotted arrow indicates points of lubrication on both sides of equipment.

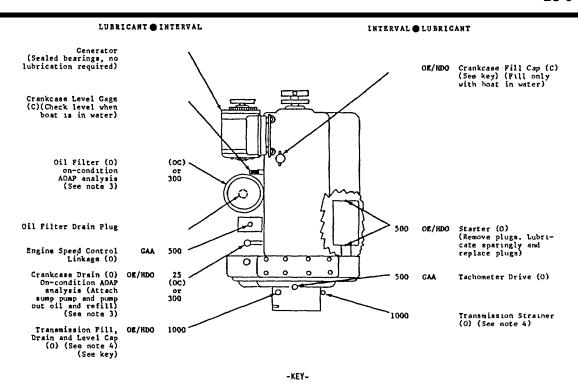
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TOTAL T .	ASK-HR	TOTAL TASK-HR			
INTERVAL	TASK-HR	INTERVAL	TASK-HR		
25	0.3	300	2.0		
100	0.3	500	0.4		
250	0.2	1000	2.0		

LUBRICANT . INTERVAL

INTERVAL . LUBRICANT





			EXPECTED TEMPERATURES				
			Above +32°F	+ 40°F to -10°F	0°F to -65°F		
LUBRICANTS		CAPACITY	(Above -0°)	(5° to -23°)	(-18° to -53°)	É, M	INTERVALS
OE/HDO	LUBRICATING OIL,					Operation, TM 9-207	
(MIL-L-2104C)	Engine					9-6	Intervals
	Crankcase Oil	9.5 qt (10L) ea		OE/DO 30		င္ပ≥	given are
	Transmission Oil	3 qt (2.8L) ea					in hours
	Oil Can Points		OE/HDO 30	OR/HDO 10	OEA	Arctic fer to	of normal
OEA/APG-PD1	LUBRICATING OIL,					or A Refe	operation
(MIL-L-46167)	Engine Sub-Zero					윤윤	
GAA	GREASE,						
(MIL-G-10924)	Auto and Artillery		ALL TEMPERATURES				

NOTES:

- 1. FOR OPERATION OF EQUIPMENT IN PROTRACTED COLD TEMPERATURE BELOW -10°F (-23°C). Remove lubricants prescribed in the key for temperatures above -10°F (-23°C). Clean parts with SOLVENT, dry-cleaning (SD-II). Relubricate with lubricants specified in the key for temperatures below -10°F (-23°C).
- 2. OIL CAN POINTS. Every 100 hours, lubricate transmission shift linkage, pins, and clevises, and all exposed adjusting threads with OE/HDO.
- 3. CRANKCASE OIL AND FILTERS. Replace on-condition as directed by the Army Oil Analysis Program (AOAP) laboratory. Send a sample of oil for analysis at intervals of 25 hours or 30 days. Refer to TB 43-0210 for sampling. When AOAP laboratories are not available, replace the oil and filters at the hard-time interval of 300 hours or 6 months. Operate for 5 minutes, check for leaks, check oil level, and bring to full mark.
- 4. TRANSMISSION REDUCTION GEAR. Drain by pumping oil from unit. Disconnect hose. Remove strainer, clean, and replace. Fill transmission. Start engine, run at idle for three minutes, stop, check for leaks, check oil level and bring to full mark.

- 5. STEERING QUADRANT. Every 250 hours clean old grease from grease cups and relubricate grease cups and fittings with GAA.
- 6. DO NOT LUBRICATE. Propeller shaft, propeller strut bearing, and rubber shaft bearings.
- 7. MANUAL BILGE PUMP. Lubricate with silicone compound, NSN 9150-00-076-1474, 1/2 oz container every 1000 hours.

Copy of this lubrication order will remain with the vehicle at all times. Instructions contained herein are mandatory.

By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR. General, United States Army Chief off Staff

Official:

ROBERT M JOYCE Major General, United States Army The Adjutant General

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To be distributed In accordance with DA Form 12-25D, Operator Maintenance Requirements for Boat Bridge Erection.

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