

**TUG, HARBOR, DIESEL, 1200 H. P. STEEL, 100 FT DESIGN 3006  
(HULL NUMBERS LT 1936 THRU LT 1977 AND LT 2202)**

Reference: FEDERAL SUPPLY CATALOG C9100-IL and LO55-1925-204-12-2, 3, 4, 5, 6, 7, 8, TM55-1925-204-12 and TM55-1925-204-34

Intervals are based on normal hours of operations. Adjust to compensate for abnormal operations and severe conditions. During inactive periods, sufficient lubrication must be performed for adequate preservation.

Clean parts with SOLVENT, Dry-cleaning, Type II, (SD-2). Dry before lubricating.

Clean fitting before lubricating.

Lubricate points indicated by dotted arrow, on both sides of equipment.

Relubricate after exposure to salt water.

Drain crank and gearcases when hot. Fill and check level.

\*The time specified is the time required to perform all services of the prescribed interval.

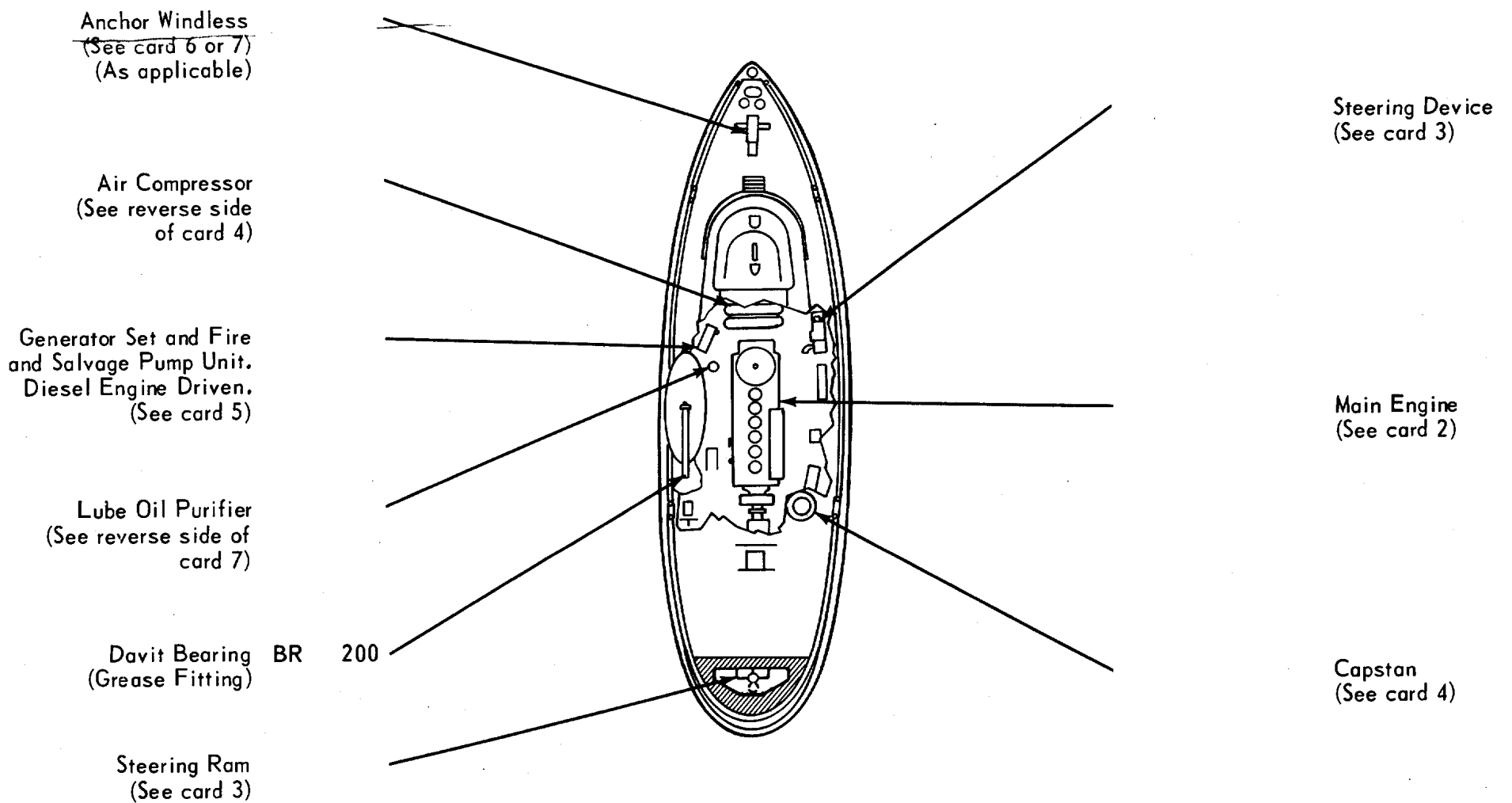
*TOTAL MAN-HR		*TOTAL MAN-HR	
INTERVAL	MAN-HR	INTERVAL	MAN-HR
10	5.6	600	4.5
50	13.6	1200	12.4
200	16.1	2400	11.0

FOLD

FOLD

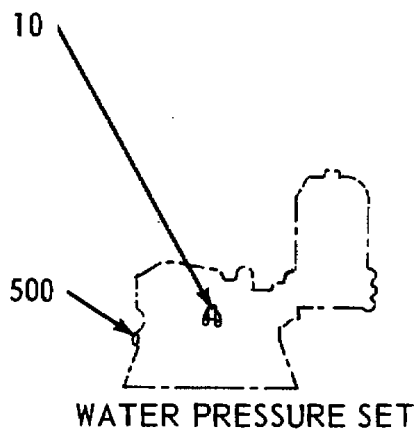
LUBRICANT ● INTERVAL

INTERVAL ● LUBRICANT



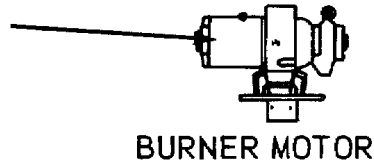
LUBRICANT ● INTERVAL

Oil Fill and Level OE/HDO 10  
(Check level 1/4 in below plug (See key))

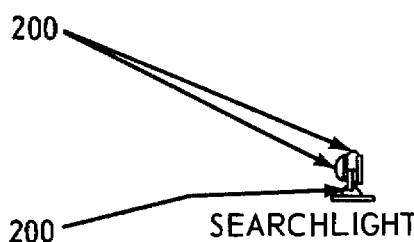


Oil Drain Plug (Drain and refill) (See note 4)

Motor (See note 2)



Housing Pivot OE/HDO 200



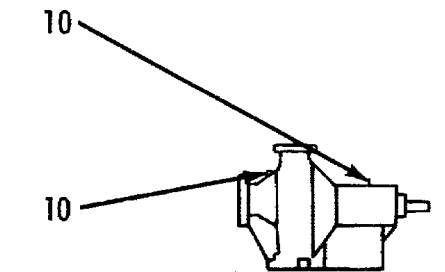
Searchlight Pivot OE/HDO 200  
(Clean and lightly coat)

LUBRICANT ● INTERVAL

Outboard and Packing GAA 10  
Gland Bearings

Pump Shaft Bearing and Idler Pin Bushing GAA 10

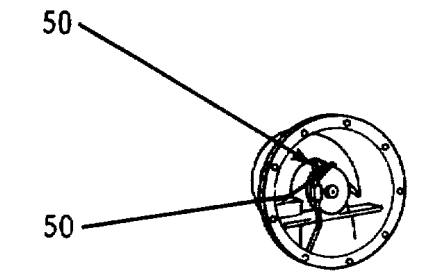
BILGE AND BALLAST PUMP



Grease Cup GHT 50

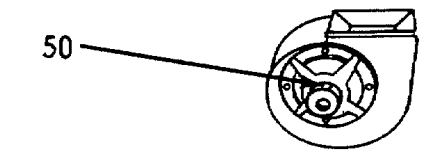
Grease Cup GHT 50

FAN AND MOTOR (AXIAL) FLOW



Grease Cup GHT 50

MOTOR, CENTRIFUGAL FAN



FOLD

FOLD

-KEY-

LUBRICANTS	CAPACITY	EXPECTED TEMPERATURES			INTERVALS
		Above + 32° F	+ 40° F to -10° F	0° F to -65° F	
OE/HDO-LUBRICATING OIL, Engine		OE/HDO 30	OE/HDO 10	OES	Intervals given are in hours of normal operation
Water Pressure Set					
OES-LUBRICATING OIL, Sub-zero		ALL TEMPERATURES			
GMT-GREASE, Ball Bearing					
GAA-GREASE, Automotive and Artillery					

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

2. MOTOR. If motor is equipped with ball bearings lubricate every 200 hours with GHT Grease. Do not over lubricate. If equipped with sleeve type bearings apply 2 of 3 drops of OE/HDO oil every 50 hours. If equipped with sealed bearings no lubrication is required.

3. LUBRICANTS. The following is a list of lubricants with the Military Symbols and applicable Specification numbers.  
 OE/HDO MIL-L-2104C      OES MIL-L-10295  
 GHT MIL-L-15719      GAA MIL-G-10924

4. WATER PRESSURE SET. Change oil every 500 hrs or every 90 days whichever occurs first.

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:  
 CREIGHTON W. ABRAMS  
 General, United States Army  
 Chief of Staff

OFFICIAL:

VERNON L. BOWERS  
 Major General, United States Army  
 The Adjutant General

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