

**LANDING CRAFT, MECHANIZED; STEEL; DIESEL POWER DRIVEN,  
74 FT. LG. HULL NOS. LCM-8520 THRU LCM-8560  
AND HULL NOS. 8580 THRU 8619**

Reference: TM55-1905-217-12, L055-1905-217-12-1 and -3. C9100-IL

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

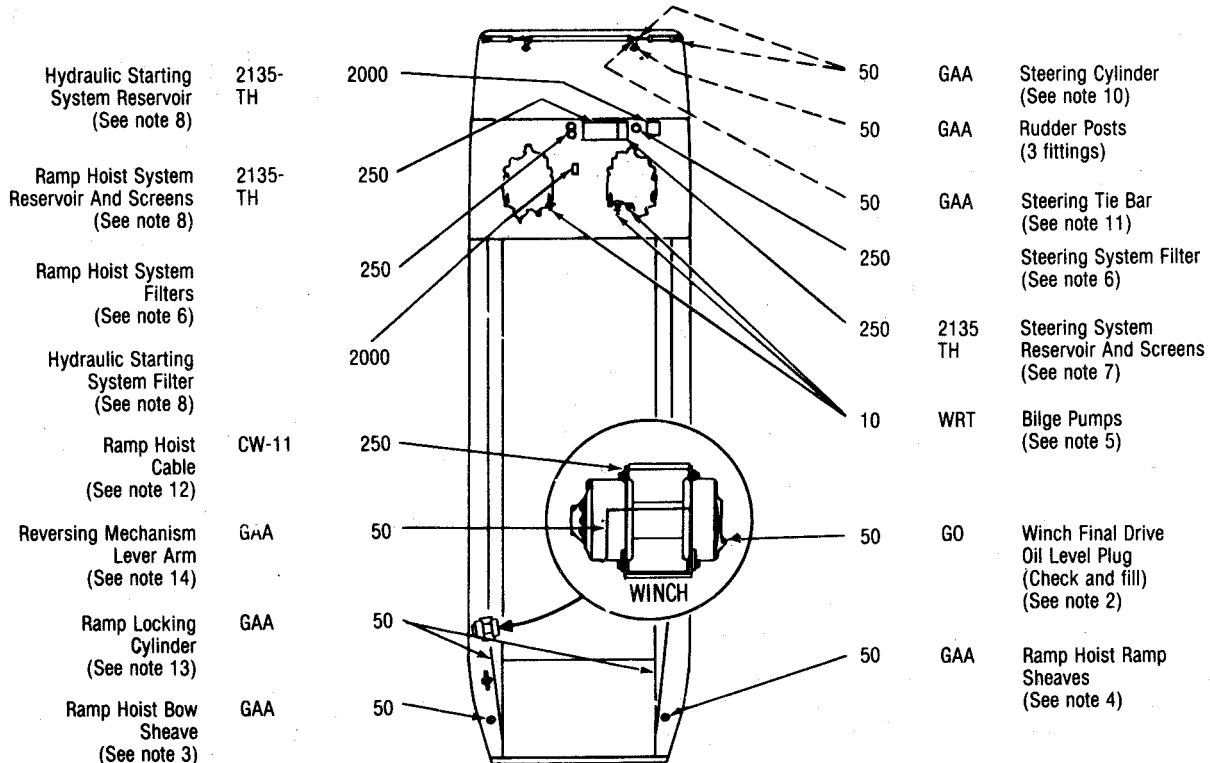
Lubricate points indicated by dotted arrow shafts on both sides of landing craft.

Clean fittings before lubricating.

| LUBRICANTS                             | CAPACITY  | EXPECTED TEMPERATURES          |                          |                       | INTERVALS   |
|--|-----------|--------------------------------|--------------------------|-----------------------|---|
|  |           | Above +32°F                    | +40°F to -10°F           | 0°F to -65°F          |   |
| LUBRICATING OIL, General Purpose       |           |                                |                          |                       | Intervals given are in hours of normal operation. |
| Steering System                        | 18 gals   | 2135-TH<br>(MIL-L-17672)       | 2075-TH<br>(MIL-L-17672) | GO 90<br>(MIL-L-2105) |   |
| Ramp Hoist System                      | 90 gals   |                                |                          |                       |   |
| Starting System                        | 7 gals    |                                |                          |                       |   |
| GO-LUBRICATING OIL, Gear, Multipurpose | 7-1/2 qts | GO 90<br>(MIL-L-2105)          | GO 90<br>(MIL-L-2105)    | GOS<br>(MIL-L-10324)  |   |
| GOS-LUBRICATING OIL, Gear, Sub-zero    |           |                                |                          |                       |   |
| GAA-GREASE, Automotive and Artillery   |           | ALL TEMPERATURES (MIL-L-10924) |                          |                       |   |

LUBRICANT•INTERVAL

INTERVAL•LUBRICANT



**NOTES:**

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

2. **WINCH.** Remove inspection plate and remove oil level plug to check oil level. Add lubricant as required at fill to bring up to level plug. Replace oil level plug and inspection cover.

3. **BOW SHEAVE.** Remove cover plate to lubricate; replace cover plate.

4. **RAMP SHEAVES.** Lubricate through drain holes on underside of ramp. One fitting each sheave.

5. **BILGE PUMPS.** Turn down grease cup one full turn to lubricate.

6. **STEERING SYSTEM AND RAMP HOIST SYSTEM FILTERS.** Steering System filters must be changed at 500 hour interval.

Ramp Hoist System filters must be changed at 250 hour interval.

7. **STEERING SYSTEM STRAINER.** Drain fluid from tank. Remove tank top cover and remove strainer.

Clean strainer in solvent and reinstall. Fill steering system with fluid at expansion tank in pilot house.

8. **RAMP HOIST SYSTEM STRAINER AND RESERVOIR.** Clean element when indicator reads in red zone. Remove and service filter and refill reservoir as specified in TM 55-1905-217-12.

9. **STARTING SYSTEM FILTER.** Drain reservoir and service filter as specified in TM 55-1905-217-12.

10. **STEERING CYLINDERS.** Remove pin and lubricate pin sparingly and replace pin.

11. **STEERING TIE BAR.** Remove pin and lubricate pin sparingly and replace pin.

12. **RAMP HOIST CABLE.** Clean and lubricate with CW every 250 hours. CW - lubricating oil, exposed gear.

13. **RAMP LOCKING CYLINDER** Grease every 50 hours.

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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

E. C. MEYER  
General United States Army  
Chief of Staff

Official

J. C. PENNINGTON  
Major General, United States Army  
The Adjutant General

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