LUBRICATION

ORDER LO5-3810-206-12-2

26 MARCH 1971 (Supersedes LO5-3810-201-12-2, dtd 9 Feb 1968 and LO5-3810-206-12-2, dtd 18 Mar 1968)

CRANE-SHOVEL, BASIC UNIT, CRAWLER MOUNTED, 40 TON, 2 CU YD DIESEL DRIVEN, (HARNISCHFEGER MODEL 855 BG, 855 BG-2 AND 855 BG-3) W/HARNISCHFEGER ENGINE MODEL 687C-18-ES AND CATERPILLAR ENGINE MODELS D333TA AND D333C

Reference LO5-3810-206-12-1, -3, -4 and 5 C9100-IL

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, or with OIL, fuel, Diesel. Dry before lubricating.

Clean fittings before lubricating.

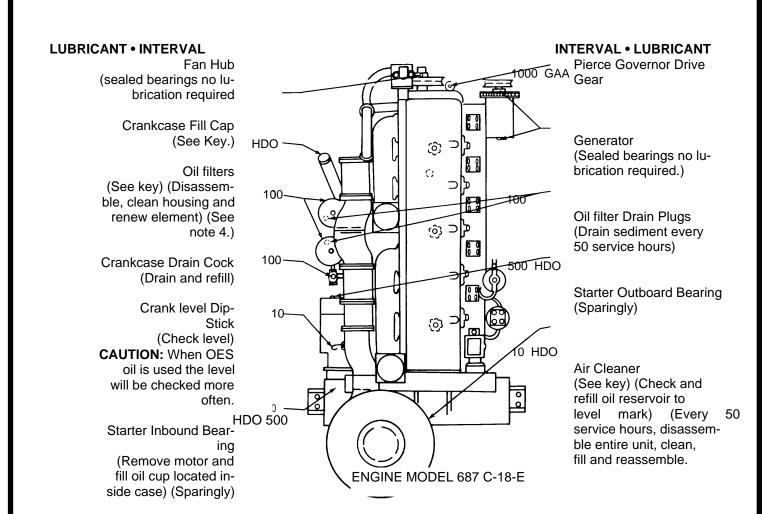
A dottrd circle indicates a drain below.

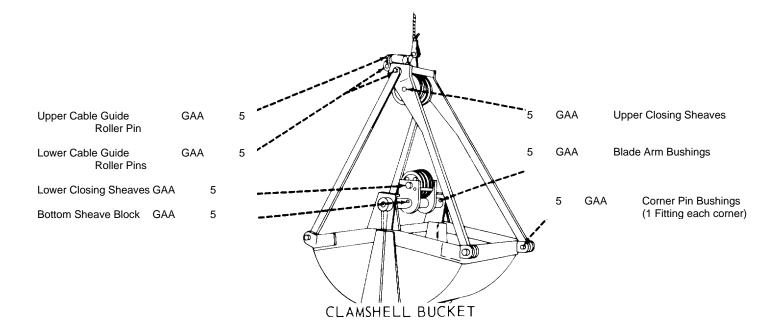
Relubricate after washing or fording.

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

Drain crankcases when hot. Fill and check level

FOLD





FOLD FOLD

- KEY -

		EXPECTED TEMPERATURES			
LUBRICANTS	CAPICITY	ABOVE +32° F	+40° F TO -10° F	0° F TO -65° F	INTERVALS
HDO-OIL, Engine, Heavy Duty					
Crankcase w/ Filters	34 qts				Intervals
Oil Can Points		HDO 30	HDO 10	OES	given are
Air Cleaner	4 1/2 qts				in hours of
OES-OIL, Engine, Sub-zero					normal
GAA-GREASE, Automotive and Artillery		ALL TEMPERATURES			operations

NOTES:

1. FOR OPERATION OF EQUIPMENT IN PROTRACTED COLD TEPERATURES BELOW 10° F.

Remove lubricant prescribed in the key for temperature above 10° F. Relubricate with lubricants specified in the key for temperatures below 10° F.

- **2. OIL CAN POINTS.** Every 10 service hours lubricate all linkage, pins and clevises with HDO.
- 3. CABLES. Keep cables clean and lubricated with HDO. CAUTION: Do not lubricate cables coming in contact with excavated materials.
- **4. ENGINES OIL FILTERS.** Every 100 hours remove filter element, clean housing, install new element, fill crankcase, operate engine for five minutes, check for leaks.

5. LUBRICANTS. The following is a list of lubricants with the Military Symbols and applicable specification numbers.

OES MIL-L-10295 GAA MIL-G-10924 HDO MIL-L-45199

Copy of this Lubrication Order will remain with the equipment at all times; instructions contained herein are mandatory.

BY ORDER OF THE SECTRETARY OF THE ARMY:

W.C. WESTMORELAND General, United States Army, Chief of Staff

OFFICAL:

KENNETH G. WICKHAM Major General, United States Army, The Adjutant General

LO 5-3810-206-12-2 DISTRIBUTION: To be distributed in accordance with DA Form 12-25, (qty rqr block no. 349) Section II, Operator's Maintenance requirements for Crane Shovels, Crawlers, 40 Ton.

GPO 822-246

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