

# LUBRICATION ORDER

# L05-6115-600-12

17 NOVEMBER 1986

(Supersedes LO 5-6115-600-12, 6 FEB 1985)

GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL,  
SKID MTD., 100 KW, 3 PHASE, 4 WIRE,  
120/208 AND 240/416 VOLTS

DOD MODEL  
MEPO07B

CLASS  
UTILITY

HERTZ  
50/60

NSN  
6118-01-036-6374

Reference: TM5-6115-600-12, C1900-IL

Intervals (on-condition or hard time) and the related task-hour times are based on normal operation. Change the hard time interval if your lubricants are contaminated or if you are operating the equipment under adverse operating conditions, including longer-than-usual operating hours. The hard time interval may be extended during periods of low activity. If extended, adequate preservation precautions must be taken.

On-condition (OC) intervals for oil changes shall be determined by the Army Oil Analysis Program (AOAP) laboratory and shall be applied unless otherwise notified.

Hard time oil change intervals will be applied in the event AOAP laboratory support is not available.

Clean fittings before lubricating. Clean parts with drycleaning SOLVENT (SD), type II or equivalent. Dry before lubricating.

The lowest level of maintenance authorized to lubricate a point is indicated by one of the following: (C) Operator/Crew; or (O) Organizational Maintenance.

Relubricate after washing or fording.

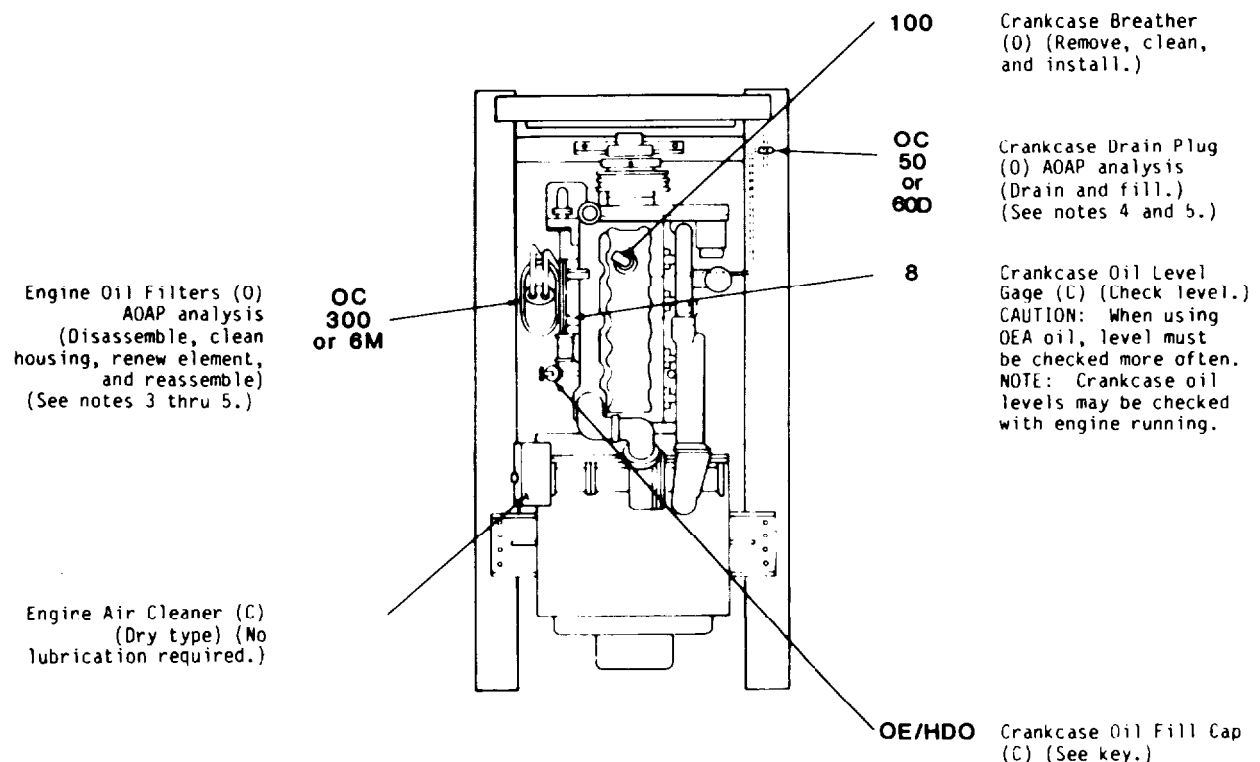
Drain crankcase when hot. Fill and check level.

\*The time specified is the time required to perform all services at the particular interval (On-condition or hard time).

You can help improve this lubrication order. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) to: Commander, US Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Blvd, St. Louis, MO 63120-1798. A reply will be furnished to you.

LUBRICANT ● INTERVAL

INTERVAL ● LUBRICANT



*TOTAL TASK-HR		*TOTAL TASK-HR	
INTERVAL	TASK-HR	INTERVAL	TASK-HR
8	0.1	50 or 60D	0.6
100	0.4		

-KEY-

LUBRICANTS		CAPACITY	EXPECTED TEMPERATURES			For arctic operation refer to FM 9-207.	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-2104D)	LUBRICATING OIL, Engine	30 qts (28L)	OE/HDO 30	OE/HDO 10	OEA		Intervals given are in hours of normal operation
	Engine Crankcase with Filters						
	Oil Can Points						
OEA (MIL-H-46167)	LUBRICATING OIL, Engine, Subzero	30 qts (28L)					

NOTES:

FOR OPERATION OF EQUIPMENT IN PROTRACTED COLD TEMPERATURES BELOW -10°F (-23°C). Remove lubricants prescribed in the key for temperatures above -10°F (-23°C). Clean parts with drycleaning SOLVENT (SD), type II or equivalent. Lubricate with lubricants specified in the key for temperatures 0°F to -65°F.

2. OIL CAN POINTS. Every 100 hours lubricate hinges, latches, control linkages, and all exposed adjusting threads with OE-HDO.

3. ENGINE OIL FILTER. Oil filter replacement interval shall align with on-condition AOAP analysis or hard time oil change requirements. See notes 4 and 5. After installing a new filter element, fill crankcase, operate engine for 5 minutes, and check for leaks. Shut engine down, check crankcase oil level, and bring to full mark.

4. CRANKCASE OIL. A sample of the oil shall be sent to an AOAP laboratory for analysis at an interval of 50 hours or 60 days. Refer to TB 43-0210 for sampling requirements.

5. When AOAP laboratory support is not available, drain and refill crankcase oil at 300 hours or 6 months.

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:

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

Official:

R. L. DILWORTH  
Brigadier General, United States Army  
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25A, Operator and Organizational Maintenance requirements for Generator Set, Diesel Driven, 120/208V, 240/416V, 100KW, 50/60 HZ, 3PH, 4 Wire (MEP-008B).