

LUBRICATION ORDER

8 April 1988

L05-6115-612-12

(Supersedes L0 5-6115-612-12, 24 October 1986)

Approved for public release. Distribution is unlimited.

AVIATION GENERATOR SET, GAS TURBINE ENGINE DRIVEN INTEGRAL TRAILER MOUNTED, 10KW, 28 VOLTS DC

DOD MODEL
MEP 362A

CLASS
PRECISE

NSN
6115-01-161-3992

Reference: TM5-6115-612-12

Intervals (on-condition or hard time) and the related taskhour times are based on normal operation. The taskhour time specified is the time you need to do all the services prescribed for a particular interval. On-condition (OC) oil sample intervals shall be applied unless changed by the Army Oil Analysis Program (AOAP) laboratory. Change the hard time interval if your lubricants are contaminated or if you are operating 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. Hard time intervals will be applied in the event AOAP laboratory support is not available.

Clean fittings before lubricating. Clean parts with dry cleaning 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 symbols as appropriate Operator/crew (C); and Unit Maintenance (O).

You can help improve this manual. 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 direct to Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished to you.

LUBRICANT ● INTERVAL

INTERVAL ● LUBRICANT

Caster Swivel (O)

GAA

A

GAA Caster
Bearing (O)

A

Gearbox Reservoir
(Drain and refill)
(See notes 2
and 3) (O)

300

GAA Repack Wheel
Bearings (O)

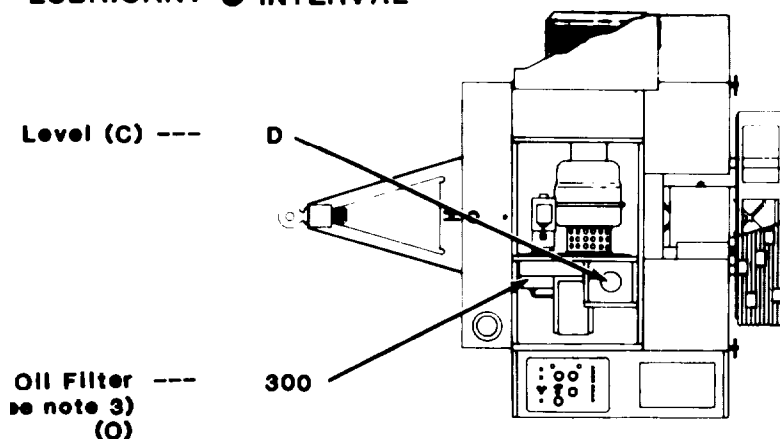
A

OC Gearbox Reservoir
Oil On-Condition
AOAP Analysis
(See note 4) (O)

50 or M

LUBRICANT ● INTERVAL

INTERVAL ● LUBRICANT



TOTAL TASK HOURS		TOTAL TASK HOURS	
INTERVAL	TASK HOURS	INTERVAL	TASK HOURS
A	1.5	M	0.1
D	0.1	300	0.5

LUBRICANTS		CAPACITIES	EXPECTED TEMPERATURES			INTERVALS
			ABOVE +32°F (ABOVE 0°C)	+40°F to -10°F (-5°C TO -23°C)	0°F to -85°F (-18°C TO -64°C)	
GAA (MIL-G-10924	GREASE Caster swivel and bearing. Wheel bearings.	As required.	ALL TEMPERATURES			For arctic operation, refer to FM 9-207. A-Annually D-Daily OC-On Condition M-Monthly Other intervals are given in hours of normal operation.
LGT MIL-L-7808	LUBRICATING OIL Gearbox	4.0 Qts (3.8L)	ALL TEMPERATURES			
---	LUBRICATING OIL	4.0 Qts (3.8L)	ALL TEMPERATURES TO -40°F (-40°C)			
MIL-L-23699	Gearbox					

NOTES:

CAUTION
DO NOT OVERFILL
DO NOT MIX LUBRICANTS

1. OIL LEVEL. Check oil level before and after each operation. Fill to FULL mark on dipstick. Do not mix lubricants.

2. GEARBOX RESERVOIR. To drain, loosen turnlock fasteners and remove fuel/oil drain access cover from bottom of generator set. Pull oil drain tube through opening. Remove oil drain plug. Drain oil into suitable container. Refill and check level. Do not mix lubricants. If possible, attach label giving type of lubricant and date changed.

3. OIL FILTER. Install new oil filter when oil is changed (Note 2).

4. GEARBOX RESERVOIR OIL. A sample of the oil shall be sent to an AOAP laboratory for analysis at an interval of 50 hours or monthly. Refer to TB 43-0210 for sampling requirements. when AOAP laboratory support is not available, drain and refill reservoir every 300 hours (Note 2).

A copy of this Lubrication Order will remain with the equipment at all times. Instructions contained herein are mandatory.

By Order of the Secretaries of the Army and the Navy

CARLE E. VUONO
General, United States Army
Chief of Staff

Official:

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

J. J. WENT
Lieutenant General, USMC
Deputy Chief of Staff for Installations
and Logistics

Distribution:

To be distributed in accordance with DA Form 12-25A, Operator and Unit Maintenance requirements for generator set, 2 wheel mounted, 28V, DC. 7.5 KW (JHGV7.5A)

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