
LUBRICATION ORDER

**LUBRICATING AND SERVICING UNIT,
DIESEL ENGINE DRIVEN,
TRAILER MOUNTED
MODEL PM92-133
NSN 4930-01-365-5725**

References: TM 5-4930-244-14, TM 5-4930-244-24P

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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, DA Form 2028 (Recommended Changes to Publications and Blank Forms) or DA Form 2028-2 direct to: Commander, U.S. Tank-Automotive and Armaments Command, Attn: AMSTA-AC-NML, Rock Island, IL 61299-7630. You may also submit your recommended changes by E-mail directly to amsta-ac-nml@ria-emh2.army.mil, or fax number 309/782-0726/DSN 793-0726. A reply will be furnished directly to you.

This LO is for operator/crew (C) or unit (O) maintenance. Lubrication intervals (on-condition or hard time) are based on normal operation. Lubricate during constant use, and less during inactive periods. The task-hour specified is the time you need to do all the services prescribed for a particular interval. Use correct grade of lubricant for seasonal temperature expected.

Ensure that the lube unit is level before checking oil levels in pumps.

Lubricate trailer immediately after fording, or as soon as unit movement permits. Dry equipment before lubricating.

Approved for public release; distribution is unlimited.

HEADQUARTERS, DEPARTMENT OF THE ARMY

BEFORE YOU START LUBRICATION:**ALWAYS**

- Clean dirt from grease fittings using a clean rag.
- Use the lubrication order as your guide.
- After lubrication, wipe excess grease from fittings to prevent build up of dirt, grit, and contaminants.

NEVER

- Use wrong type/grade of grease.
- Use too much lubricant.
- Use any type of solvent to clean trailer trunnion axle grease fittings.

LUBRICANTS

Specifications	Type
MIL-L-2104 (OE/HDO)	Lubricating Oil, Internal Combustion Engine, Combat/ Tactical Service
MIL-L-46167 (OEA)	Lubricating Oil, Internal Combustion Engine, Arctic
MIL-B-46176 (BFS)	Brake Fluid, silicone, Automotive, All Weather, Operational and Preservative, Metric
MIL-G-10924 (GAA)	Grease, Automotive and Artillery

LUBRICATION SUMMARY

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LOCATION	TEMPERATURE RANGE °F LUBRICANT			CAPACITY	FREQUENCY	MAN- HOURS
	NORMAL OPERATION		SEVERE COLD			
ENGINE CRANKCASE	0° TO +125°F	-15° TO +40°F	-50° TO +40°F	2.85 QT. (2.6 L)	250 HRS.	0.5
	MIL-L-2104 OE/HDO- 15/40	MIL-L-2104 OE/HDO-10	MIL-L-46167 OEA			
AIR COMPRESSOR	ABOVE +60°F	+32 TO +60°F	BELOW +32°F	3.00 QT. (2.7 L)	300 HRS.	0.5
	SAE-30 ND	SAE-20 ND	SAE-10 ND			
	IMPORTANT: MANUFACTURER RECOMMENDS THE ABOVE <u>NON-DETERGENT</u> AIR COMPRESSOR OILS					
ALL GREASE POINTS. WHEEL BEARINGS. AXLE/SPRINGS, JACKS, ENGINE CLUTCH	ALL TEMPERATURES MIL-G-10924 GAA			AS NEEDED	500 HRS.	0.5-1
BRAKES (FLUID)	ALL TEMPERATURES MIL-B-46176 (BFS) DOT 5			AS NEEDED	AS NEEDED	0.25