

LUBRICATION ORDER
30 MAY 1995

COMPRESSOR UNIT, RECIPROCATING
15 CFM, 175 PSI
DIESEL ENGINE DRIVEN,
TRAILER MOUNTED
MODEL CUE57-6DY-TM
(4310-01-364-4316)

References: TM9-4310-396-13, TM94310-396-23P

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 or DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd, St. Louis, MO 63120-1798. A reply will be furnished to you.

Distribution statement A. Approved for public release; distribution is unlimited.

NOTES

This LO is for crew (C) or unit (O) maintenance. Lube intervals (on-condition or hard time) are based on normal operation. Lube more during constant use, and less during inactive periods. Use correct grade of lubricant for seasonal temperature expected.

Clean parts with dry cleaning solvent defined in **KEY**. Use cleaning compound solvent (PBC) on powder fouled parts. Dry before lubricating. DO NOT use fluid or semi-fluid lubricant on SFD lubricated surface. Wipe surface dry.

Before you start your lube service

ALWAYS

- a. Clean grease fittings before lubrication.
- b. Use the lubricating order as your guide.

NEVER

- a. Use wrong type/grade grease.
- b. Use too much lubricant.

1-1 GENERAL.

1-1.1 Corrosion Prevention and Control. Refer to Technical Manual TM94310-396-13, Chapter 1, Section 1-3 for information concerning corrosion problems.

1-1.2 Hard Time Intervals. This 15 cfm, 175 psi air compressor is not enrolled in the Army Oil Analysis Program. Hard time intervals apply. Hard time intervals are defined as harsh operating conditions such as high ambient temperatures, extreme cold, high humidity, and high dusty or sandy conditions. Unusually high demands or heavy usage also qualify. Should the compressor run loaded 75% or more of the time during operation would be considered as a period of heavy use.

1-1.3 Hard Time Oil Service. For equipment under manufacturer's warranty, hard time oil service intervals shall be followed. Intervals shall be shortened if lubricants are known to be contaminated or if operation is under adverse conditions such as longer than usual operating hours, extended idling periods, or extreme dusty conditions.

2-1 LUBRICATION PROCEDURES.

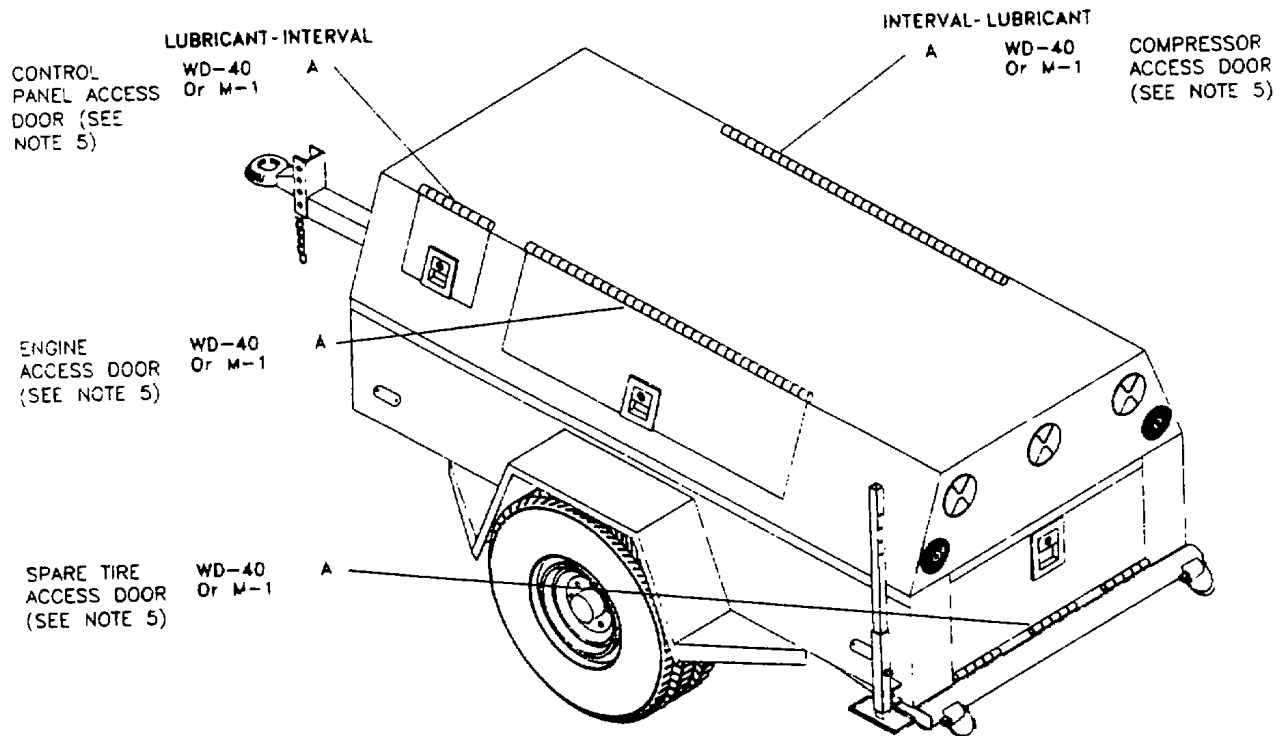
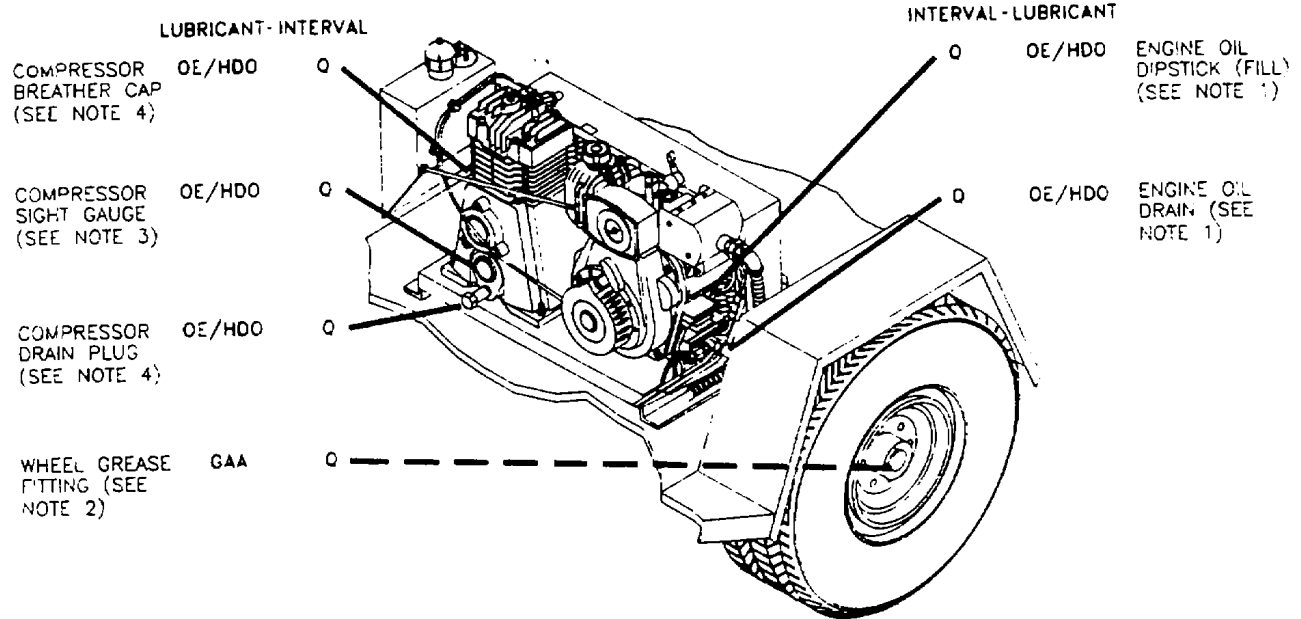
2-1.1 General. Keep all lubricants in closed containers and store in a clean, dry place away from external heat. Keep container covers clean to prevent dirt, dust, or other foreign material from mixing with the lubricants. Keep all lubrication equipment clean and ready for use.

2-1.2 Cleaning. Keep all external parts not requiring lubrication free of lubricants. Before lubricating the equipment, wipe all lubrication points free of lubricants, dirt, and grease. Clean all lubrication points after servicing to prevent the accumulation of foreign matter.

2-1.3 1 Lubrication Points. Service the lubrication points at the proper intervals as specified in the lubrication procedure. The intervals specified are based on normal operation. Modifications of the recommended interval may be required when operating under unusual conditions.

NOTE

On the picture a dash line (---) means lube points on both sides.



TOTAL TASK-HOUR		TOTAL TASK-HOUR	
Interval	Man Hr.	Interval of Greasing	Man Hr.
Q	.5	A	.3