

(Supersedes LO 55-2210-223-12/ LO 45A2-2-14-31 LC-1, 30 December 1986)

**LOCOMOTIVE, DIESEL-ELECTRIC**  
**56-1/2-INCH GAGE, 60-TON, 500 HP**  
**0-4-4-0 WHEEL, MODEL RS-4-TC-1A**  
**NSN 2210-01-158-2978**

References: TM 55-210-223-12 and FEDERAL SUPPLY CATALOG C9100-1L

**REPORTING OF 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 Forms), directly to: US Army Troop Support Command, ATTN: AMSTR-MMTS, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly 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) and the related task-hour times are based on normal operation. The task-hour 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 Joint Oil Analysis Program (JOAP) laboratory. 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. Hard time intervals will be applied in the event JOAP laboratory support is not available.

**WARNING** - Drycleaning fluid is flammable. Do not use near a flame or excessive heat. Use only with adequate ventilation. Avoid prolonged breathing of vapors and minimize skin contact.

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

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

Lubricate after washing.

Normally drain crankcase when hot. Fill and check level.

The lowest level of maintenance authorized to lubricate a point is indicated by one of the following. (C) Operator/Crew, (O) Unit Maintenance, or (F) Intermediate Direct Support Maintenance.

| TOTAL TASK-HR |         | TOTAL TASK-HR |         |
|---------------|---------|---------------|---------|
| INTERVAL      | TASK-HR | INTERVAL      | TASK-HR |
| D             | 1.0     | Q             | 1.5     |
| W             | 0.5     | S             | 0.2     |
| 2W            | 0.2     | B             | 10.0    |
| M             | 2.0     |               |         |