**LUBRICATION ORDER**

# L05-2330-305-12

13 MAY 1985

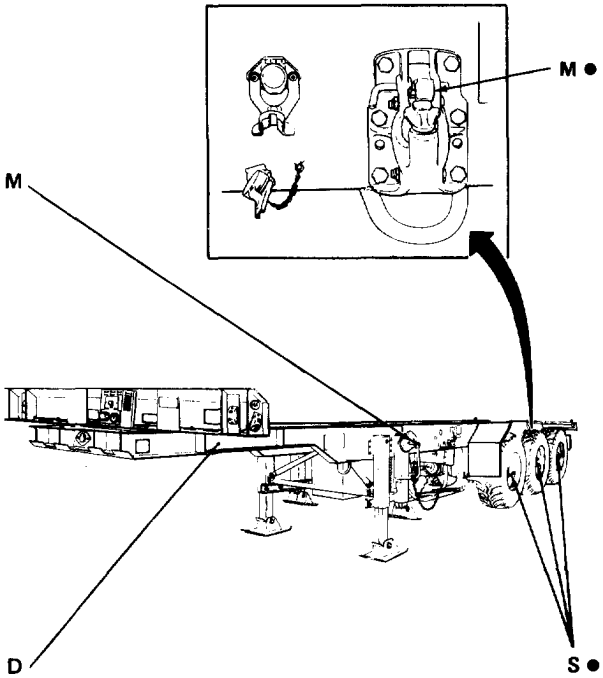
**(Supersedes** LO **5-2330-305-12, 7 September 1983)**

## TOPOGRAPHIC SUPPORT SYSTEM
## CHASSIS, SEMI-TRAILER
## NSN: 233041-076-4797

**Reference** TM **5-2330.305.14**

**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 da all the services inscribed for a particular interval, On-condition (OC) oil sample intervals shall be applied unless changed by the Army Oil Analysis Program (AOAP) laboratory. Change he hard time inteval 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 AOAP laboratory support is not available. Clean fittings before lubricating. Clean ports with dry cleaning solvent (SD), type II or equivalent. Dry before lubricating. Dotted arrow points indicate lubrication an both sides of the equipment, The lowest level of maintenance authorized to lubricate a point is indicated by one of the fallowing symbols as appropriate: Operator/Crew (C), and Organizational Maintenance (0).**

**LUBRICANT ● INTERVAL** | **INTERVAL ● LUBRICANT**



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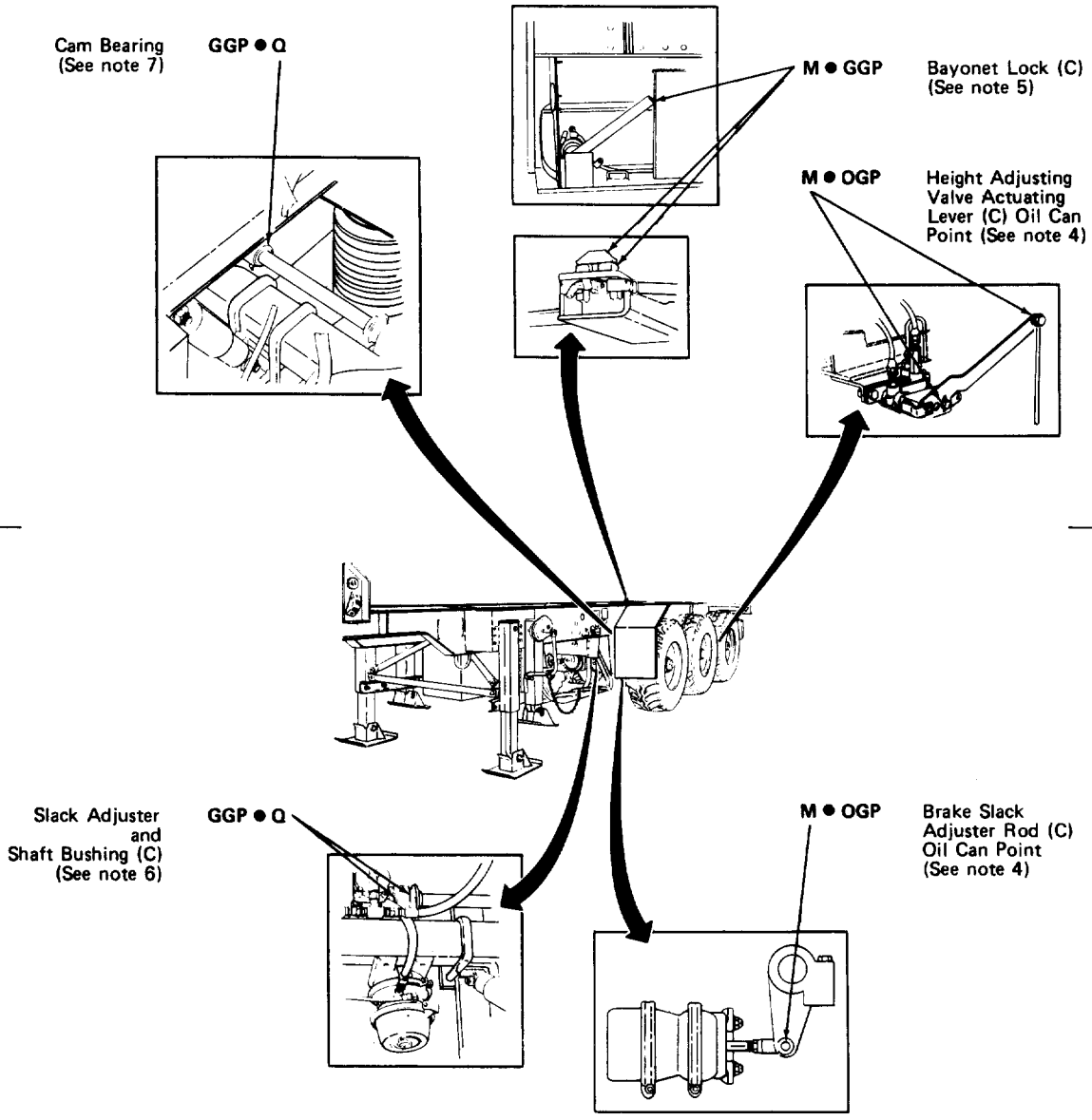


| *TOTAL TASK-HR | | *TOTAL TASK-HR | |
|---|---|---|---|
| INTERVAL | TASK-HR | INTERVAL | TASK-HR |
| M | 0.5 | S | 0.5 |
| Q | 1.0 | D | 0.25 |

– KEY -

| LUBRICANTS | | EXPECTED TEMPERATURES | INTERVALS |
|---|---|---|---|
| GAA (MIL-G-10924) | GREASE, AUTOMOTIVE AND ARTILLERY<br>WHEEL BEARING | All Temperatures | D DAILY<br>M MONTHLY<br>Q QUARTERLY<br>S SEMI-ANNUALLY |
| GGP (MIL-G-23549) | G R EASE, GENERAL PURPOSE<br>KINGPIN<br>CAM BEARING<br>SLACK ADJUSTER BUSHING<br>SLACK ADJUSTER<br>BAYONET LOCK | | |
| OGP (MIL-L-7870) | LUBRICATING OIL, GENERAL PURPOSE, LOW TEMPERATURE<br>BRAKE ROD<br>REAR HITCH<br>HEIGHT CONTROL VALVE ACTUATOR<br>LEVELING JACK HANDLE | | |

NOTES

1. Before Lubricating equipment, wipe all lubrication points free of dirt and grease. Allow no dust, dirt, or foreign matter to mix with the lubricants. Reduce service intervals to compensate for abnormal or extreme conditions such as high or Iow temperatures, prolonged high speed operation, or operation in sand, dust, or heavy moisture.

2. KINGPIN. Before transporting, after mounting kingpin on fifth wheel, apply grease through fittings until it is extruded from metal on both sides. Fittings are located on either side of kingpin.

3. WHEEL AXLE BEARINGS. Remove wheel bearings (Ref TM 5-2330-305-14, Pam 5.3.2.4). Inspect bearings and repack with GAA every 6 months.

4. OIL CAN POINTS. Once a month lubricate the pivot points of Leveling Jack Handle, Rear Hitch, Brake Housing Rod and Height Adjusting Valve Actuating Lever with OGP. OGP.

5. BAYONET LOCK. Once a month apply a thin coat of grease on top and bottom of bayonet lock head.

6. SLACK ADJUSTER AND SHAFT BUSHING. Once every 3 months (or 20,000 miles) use a grease gun or similar device to pump grease through fittings on slack adjuster bushing and joint. Pump in grease until all old grease has been pushed out, and body cavity is full.

7. CAM BEARING. 0nce every 3 months (or 20,000 miles) use a grease gun or similar device to pump grease through fitting into Bearing Housing. Pump grease until old grease has been forced out and cavity is full.

Copy of this Lubrication Order will remain with the equipment at all timas; 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:**

**DONALD J. DELANDRO**
***Brigadier General, United States Army***
***The Adjutant General***

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