LUBRICATION ORDER
9 JAN 84

(Supersedes LO 5-3805-237-12 -1, JANUARY 1974; AND -12-2, AND -3, 1 MAY 1967)

GRADER, ROAD, MOTORIZED: DIESEL
ENGINE DRIVEN; 13,300 LB PRESSURE AT
BLADE; 12 FT BLADE; 6 WHEELS, 4 DRIVING,
2 STEERABLE; LEANING FRONT WHEELS;
W/SCARIFIER (LETOURNEAU-WESTINGHOUSE
MODEL 440 HA) NSN 3805-00-931-7881

Reference: TM 5-3805-237-12, and FEDERAL SUPPLY CATALOG C9100-1L.

Intervals (on-condition or hard time) and the related man-hour times are based on normal operation. The man-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 the Army Oil Analysis Program (AOAP) 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 AOAP laboratory support is not available.

**WARNING**

Dry cleaning 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 parts or fittings with dry cleaning solvent (SD), Type II or equivalent. Dry before lubricating. Dotted arrow shafts indicate lubrication on both sides of equipment. A dotted circle indicates a drain below. Relubricate all items found contaminated after fording or washing.

The lowest level of maintenance authorized to lubricate a point is indicated by one of the following symbols as appropriate: Operator/Crew (C); and Organizational Maintenance (O).

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) direct to: Commander, US Army Tank-Automotive Command, ATTN: DRSTA-MB, Warren, MI 48090. A reply will be furnished to you.

*The time specified is the time required to perform all services at the particular interval (on-condition or hard times).

<table>
<thead>
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<th>INTERVAL</th>
<th>TOTAL MAN-HOURS</th>
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<tr>
<td>MAN-HOURS</td>
<td>TOTAL MAN-HOURS</td>
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<td>1000</td>
<td>3.0</td>
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CARD 1 OF 10
LUBRICANT • INTERVAL

Steering Gear
(Lubricated by hydraulic oil)

Wheel Bearings (O)
(See Note 4)

Scarifier Lift Housing Fill Plug (O)
(See Key)

Scarifier Lift Housing Drain (O)
(See Note 5)

Scarifier Lift Housing Level (C)
(See Note 5)

Lift Housing (O)
(2 fittings)

Lift Housing Fill and Level Plug (C)
(See Key)

Lift Housing Drain (O)
(See Note 6)

Scarifier Control Shaft (O)

INTERVAL • LUBRICANT

Front Wheel Lean Housing Drain (C)
(Check level)

Front Wheel Lean Housing Fill Plug (O)
(See Key)

Front Wheel Lean Housing Drain (O)
(Drain and refill)
(See Note 7)

Blade Lift Link (O)

Front Wheel Lean Control Shaft (O)
(2 fittings)

Lift Control Shaft (O)
(2 fittings)

Power Control Box Fill Plug (O)
(See Key)

Power Control Box Drain (O)
(Drain and refill)

Power Control Box Level (C)
(Check level)