

LUBRICATION ORDER

31 DECEMBER 1983

LO 5-2410-233-12

(Supersedes LO 5-2410-233-12-1, 28 Jan 1972 and LO 5-210-233-12-2, 6 October 1972)

**TRACTOR, FULL TRACKED, LOW SPEED: DED,
MEDIUM DBP, OSCILLATING TRACK, 78
INCH GAGE (CATERPILLAR MODEL D7F)
W/RIPPER (NSN 2410-00-177-7283); W/RIPPER AND
ROPS (2410-00-185-9794); W/RIPPER, ROPS (CAB)
WINTERIZED (2410-00-300-6665); W/WINCH (2410-00-
177-7284); W/WINCH AND ROPS (2410-00-185-9792) AND
W/WINCH, ROPS (CAB) WINTERIZED (2410-00-300-6664)**

Reference: TM 5-2410-233-10, and -20, and Federal Supply Catalog C9100-IL.

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.

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

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 us 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.

*TOTAL MAN-HOURS		*TOTAL MAN-HOURS	
INTERVAL	MAN-HOURS	INTERVAL	MAN-HOURS
10	0.3	250	1.0
50	0.8	500	0.5
100	1.0	1000	0.6

TA 218819

LUBRICANT • INTERVAL

INTERVAL • LUBRICANT

Ripper Cylinder
Pins (0)
(4 fittings)

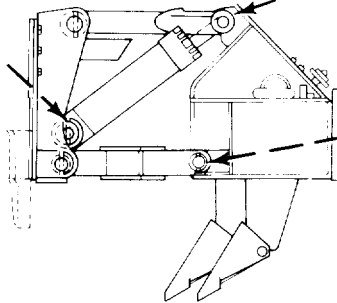
GAA 10

100 GAA

Ripper Link
Pivot Pins (0)
(4 fittings)

10 GAA

Ripper Beam
Pivot Pins (0)
(4 fittings)



RIPPER

Lift Cylinder
Lower Trunnion
Bearings (0)

GAA 10

10 GAA

Blade Brace
Threads and
Ball Joint (0)

Blade Tilt
Brace and
Socket Joints (0)

GAA 100

100 GAA

Blade Tilt Brace
Threads (0)

Cylinder Upper
Trunnion and
Support
Bearings (0)
(8 fittings)

GAA 50

Track Rollers,
Track Carrier
Rollers, and
Front Idler (0)
(See Note 11)

Brake Control
Shaft Bearings (0)

OE/ HDO 250

50

Winch Oil Level
Plug (0)
(Check level)

Universal Joint (0)
(2 fittings)

GAA 1000

OE/ HDO

Winch Fill Plug (0)

Transmission
Breathers (0)
(Clean, re-oil,
install)

250

1000

Winch Drain
Plugs (0)
(Drain and refill)

Final Drive
Breathers (0)
(Clean, Re-Oil,
Install)

250

500

Winch Oil
Screen (0)
(Remove, clean
and install)

