

**LUBRICATION ORDER**

14 February 1996

**LO 10-4610-232-12**

**Supersedes LO 10-4610-232-12, 11 April 1991**

**WATER PURIFICATION UNIT REVERSE OSMOSIS, 3,000 GPH TRAILER MOUNTED, FLATBED CARGO, 22 1/2 TON, 8 WHEEL TANDEM MODEL NUMBERS WTA-060, NSN 4610-01-219-8707 AND ROWPU-1, NSN 4610-01-371-1790 Reference TM 10-4610-232-12**

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Hard time intervals 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 or if you are operating the equipment under adverse operating conditions, including longer-than-usual operating hours. The interval may be extended during periods of low activity if extended adequate preservation precautions must be taken.

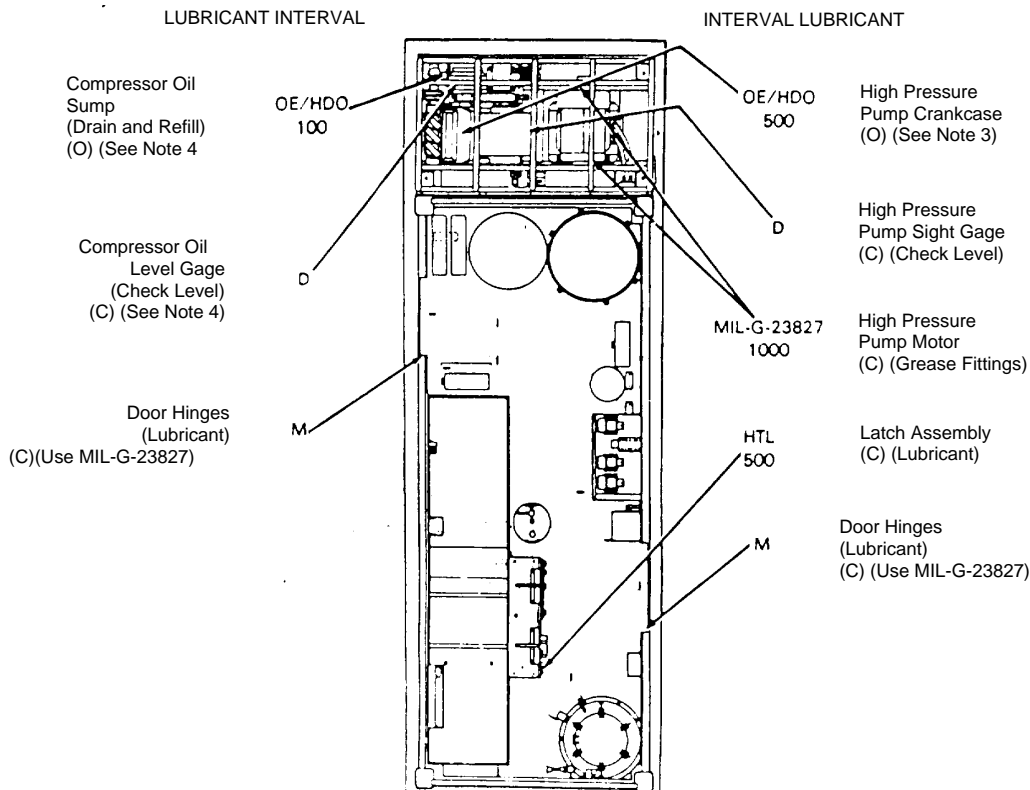
On-condition (OC) intervals for oil changes, shall be determined by the Army Oil Analysis Program (AOAP) laboratory and shall be applied unless otherwise notified

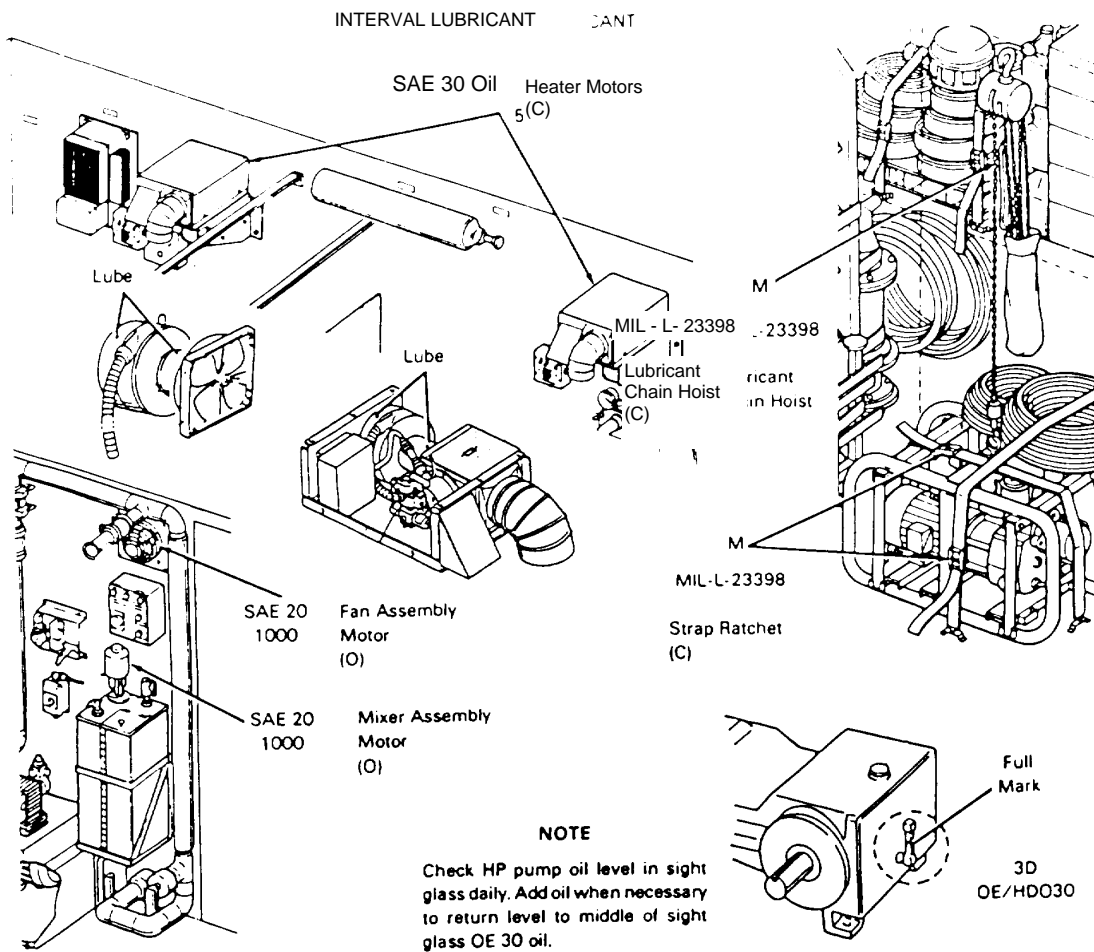
Hard time of change intervals will be applied in the event AOAP laboratory support is not available.

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

Lubricate points indicated by dotted arrow shaft on both sides of equipment. Clean parts with dry cleaning SOLVENT. Dry before lubricating. 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, or (O) Organizational Maintenance.

You can help improve this technical 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 You may also submit your recommended changes by E-Mail directly to <daf2028@st.louis-tmh7.army.mil> A reply will be furnished to you.





*TOTAL WORK -HR		*TOTAL WORK -HR	
INTERVAL	WORK - HR	INTERVAL	WORK - HR
D	0.1	250	0.2
M	0.1	500	0.2
		1000	0.2

-KEY-

LUBRICANTS	CAPACITIES	EXPECTED TEMPERATURES			INTERVALS
		Above +32°F (Above 0°C)	+40°F to - 10°F (+5°C to -23°C)	0°F to -65°F (-18°C to -50°C)	
OE/HDO (MIL - L -2104) Lubricating Oil, Ice, Tactical Service					
OEA (mil - L - 46167) Lubricating Oil Ice, Arctic					

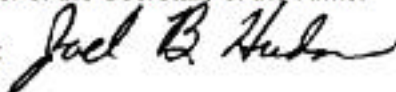
		- KEY -			
LUBRICANTS	CAPACITIES	EXPECTED TEMPERATURES			INTERVALS
		Above +32°F (Above 0°C) OE/HDO 30	+40°F to -10°F (+5°C to -23°C) OE/HDO 10	0°F to -65°F (-18°C to -50°C) OEA	
High Pressure Pump	3 gal				500 hours
Crankcase Air Compressor	330 cc				100 hours
Oil Sump Diesel Heater	As required				500 hours
Motor Fan Assembly					1000 hours
Motor Mixer Assembly					500 hours
Motor Latch Assemblies on Control Panel					
Assembly GAA (MLL-G-23827) Grease Automotive and Artillery High Pressure Pump Motor	As required				All Temperatures
Door Hinges		Type II All Temperatures			1000 hours
MIL-G- 23398 NATO Code S-749) Lubricant, Solid Film, Air Drying, Corrosion inhibiting					Monthly
Chain hoist Strap Ratchet,					Monthly

**NOTES**

- FOR ARCTIC OPERATIONS**, refer to FM-207. If OEA lubricant is required to meet the low expected temperature range, OEA lubricant is to be used in lieu of OE HDO-10 lubricant for all expected temperatures where OEA is specified.
- FOR OPERATION OF EQUIPMENT IN PROTRACTED COLD TEMPERATURES BELOW -10 °F (-23 °C)**. Remove lubricants prescribed in the key and clean parts with dry cleaning SOLVENT. Relubricate with lubricants specified in the key for temperatures of 0 °F to -65 °F (-18 °C. to -50 °C).
- HIGH PRESSURE PUMP**. Check oil level in the sight gage every day. Change oil and clean plug every 500 hours.
- AIR COMPRESSOR**. Check oil level on dipstick every day. Change oil every 100 hours on compressor hourmeter.

Copy of this lubrication order will remain with the equipment at all times. Instructions contained herein are mandatory.

By Order of the Secretary of the Army:

Official: 

JUEL B. HUDSON  
Acting Administrative Assistant to the  
Secretary of the Army  
01429

DENNIS J. REIMER  
General, United States Army  
Chief of Staff

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