

28 OCTOBER 1988

(Supersedes LO5-4610-223-12, 17 August 1987)

**WATER PURIFICATION UNIT: BASE MOUNTED: ELECTRIC DRIVEN, AC,
115, 206 VOLT, SINGLE PHASE AND 3 PHASE, 60 CYCLE; 3000
GALLON PER HOUR (MET-PRO MODEL 3000V)**

Reference: C9100-IL Approved for public release; distribution is unlimited

Intervals and related task-hour times are based on normal hours of operation. The task-hour time specified is the time you need to do all the services prescribed for a particular interval. Change the interval if your lubricants are contaminated or if you are operating the equipment under adverse operating conditions, including longer than usual operating hours. You may extend the interval during periods of low activity, but you must take adequate preservation precautions.

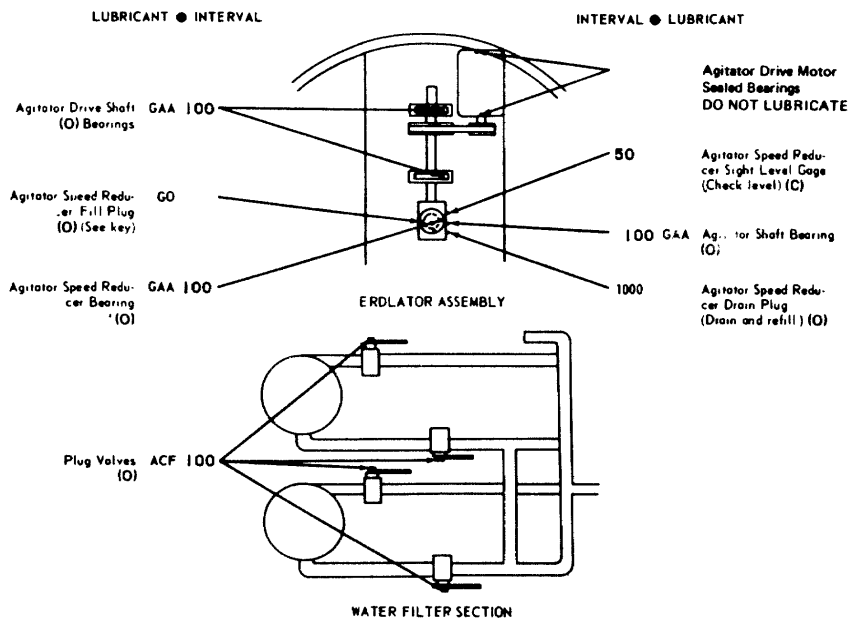
*The time specified is the time required to perform all services at the particular interval.

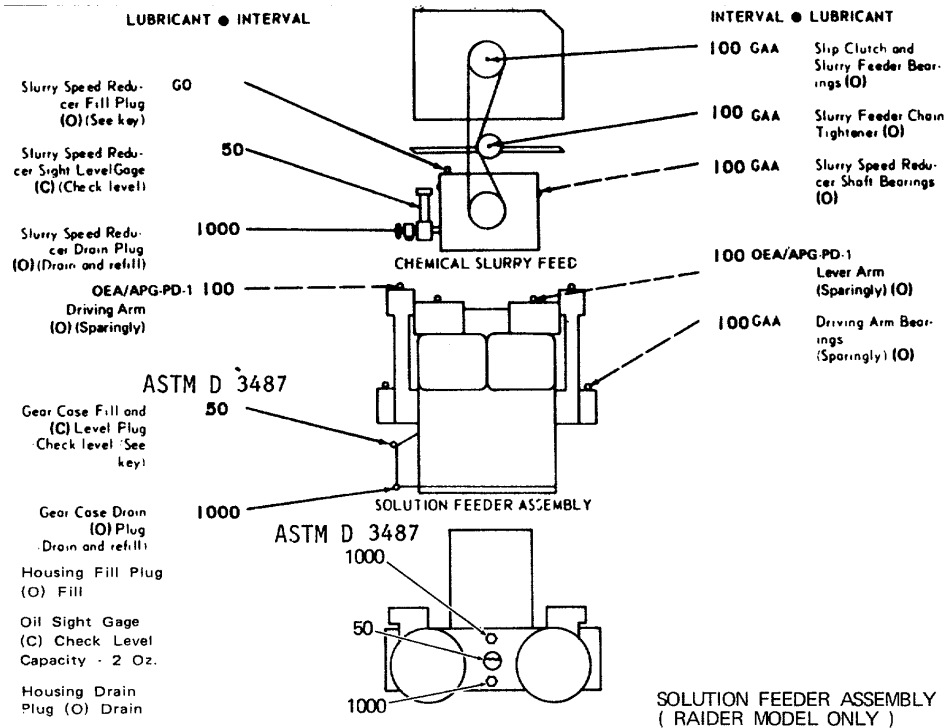
Clean fittings before lubricating. Lubricate points indicated by dotted arrow shaft on both sides of

equipment. Clean parts with drycleaning SOLVENT (SD), type II or equivalent. Dry before lubricating. Drain gear case 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 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 Troop Support Command, ATTN: AMSTRMCTS 4300 Goodfellow Blvd. St. Louis, MO 63120-1798. A reply will be furnished to you.

*TOTAL TASK-HR		*TOTAL TASK-HR	
INTERVAL	TASK-HR	INTERVAL	TASK-HR
50	0.2	1000	0.5
100	0.5		





- KEY -

LUBRICANTS	REFILL CAPACITY (APP)	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	
ASTM D 3487 (VV-I-530) INSULATING OIL Electrical		ASTM 3487			Intervals given are in hours of normal operation.
Solution Feeder Gear Case	5 qt (4.76L)				
OEA/APG-PD-1 MIL-L-46167 OIL, /Engine, Subzero		OEA/APG-PD-1			
GO (MIL-L-2105) LUBRICATING OIL, Gear		GO 140	GO 90	GOS	
Agitator Speed Reducer	9/16 qt (0.53L)				
Slurry Feeder Speed Reducer	3/4 qt (0.71L)	All Temperatures			
GOS (MIL-L-10324) LUBRICATING OIL, Gear, Subzero					
ACF (NSN 9150-00-261-8924) GREASE, Plug Valve					
GAA (MIL-G-10924) GREASE, Automotive and Artillery					

NOTES:

1. FOR OPERATION OF EQUIPMENT IN PROTRACTED COLD TEMPERATURES BELOW -10°F (-23°C). Remove lubricants prescribed in the key for temperatures above -10°F (-23°C). Clean parts with SOLVENT, dry-cleaning. Relubricant with lubricants specified in the key for temperatures below -10°F (23°C).

2. OIL CAN POINTS. Every 50 hours clean and lightly coat all door hinges, latches and cables with OEA/APG-PD-1.

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:


CARL E. VUONO
General, United States Army
Chief of Staff

Official:

WILLIAM J. MEEHAN, II
Brigadier General, United States Army
The Adjutant General

DISTRIBUTION: To be distributed in accordance with DA Form 12-25A, Operator and Unit Maintenance requirements for Water Purification Unit Electric, Van Type, Body Mounted, 115/208V, 60HZ, 1&3 PH 1/20-2HP, 3000GPH (3000V). PIN: 018025-000

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

 <div style="border: 1px solid black; border-radius: 15px; padding: 5px; display: inline-block; margin-left: 20px;"> <p style="font-size: small; margin: 0;">THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL.</p> </div>				<h2 style="margin: 0;">SOMETHING WRONG WITH PUBLICATION</h2>	
FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)					
DATE SENT					
PUBLICATION NUMBER		PUBLICATION DATE	PUBLICATION TITLE		
BE EXACT PIN-POINT WHERE IT IS					
PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.	IN THIS SPACE, TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT.	
PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER			SIGN HERE		

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