CENTRIFUGAL PUMP UNIT, WATER,

125 GALLONS PER MINUTE

NSN 4320-01-156-3873

MODEL NUMBER 2X2 SP/51209

EIC: ZHT

Reference: TM 10-4320-318-14

REPORTING OF ERRORS

You can improve this publication by calling attention to errors and by recommending improvements and by stating your reasons for the recommendations. Your letter or DA Form 2028, Recommended Changes to Publications and Forms, should be mailed directly to: Commander, U. S. Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798.

Intervals and the related work-hour times are based on normal operation. The work-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.

For equipment under manufacturer's warranty, hard time oil service intervals shall be followed. Intervals shall be shortened if lubricants are known to be contaminated or if operation is under adverse conditions (such as longer than usual operating hours, extended idling periods, extreme dust).

Ensure centrifugal pump unit is level before checking oil levels.

Lubricate immediately after fording, or as soon after unit movement permits. Dry equipment before lubricating.

Clean fittings before lubricating. Clean all parts with dry cleaning solvent. Dry fitting before lubricating.

Level of maintenance. The lowest level of maintenance authorized to lubricate a point is indicated by one of the following symbols as appropriate: Operator/Crew (C); and Unit Maintenance (0).

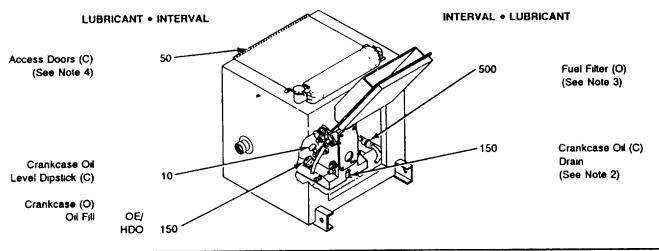
Copy of this Lubrication Order will remain with the equipment at all times: instructions contained herein are mandatory.

WARNINGS:

- 1. Solvent may cause toxic fumes. To prevent personal injury, work only in well-ventilated area. DO NOT breath fumes for along period of time.
- 2. Solvent is flammable. To prevent fire or explosion, DO NOT bring open flame or sparks near solvent.

DISTRIBUTION STATEMENT A: Approved for public release; Distribution is unlimited.

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TOTAL WORK-HR	TOTAL WORK-HR
INTERVAL WORK-HR	INTERVAL WORK-HR
10 0 1 50 0 25	500 1.0
150 0 2	

- KEY -

																		_			
			EXPECTED TEMPERATURES																		
LUBRICANTS COMPONE CAPACITY			•F	<-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	12
	CAFACII	T (AFF)	•c	<-46	-40	-34	-29	-23	-18	-12	-7	-1	4	10	16	21	27	32	38	44	49
OE/HDO					,	*	•			OE	/HC	XO-1	0 (0	-23	,	T	-	1	1	1	1
(MIL-L-2104) LUBRICATING OIL, ICE, COMBAT/ TACTICAL SERVICE	ENGINE	1 qt (0.94 L)														OE/	HDC)- 30			
OEA	OIL CAN	ļ		Ì												OE/H	100	-15/4	10		
(MIL-L-46167) LUBRICATING	POINTS	İ				, (DEA	(0-18	33)												
OIL, ICE,				_																	
		_			_	· 	1.		L	. 1	_				L.	.1					_1
OIL, ICE,		-	•F	<-50	-4 0		-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120

INTERVALS GIVEN IN FIGURE ARE IN HOURS OF OPERATION

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NOTES:

- 1. For operation of equipment in protracted cold temperature below -10° F (23° C). Remove lubricant prescribed in the Key for temperatures above -10° F (-23° C). Clean all parts with dry cleaning solvent. Relubricate with lubricants specified in the Key for temperatures below -10° F (-23° C).
- 2. ENGINE CRANKCASE. Drain oil after the equipment has been operated and the engine has cooled down where is warm to the touch. To drain, remove plug in bottom of crankcase sump. Clean and install plug using new copper seal. Remove filler cap, fill sump with one qt. (0.94 L) of oil OE/HDO to bring level **FULL** mark on dipstick. On new or overhauled engines, drain oil after 50 hours of operation. Reservice crankcase.
- 3. FUEL FILTER. Loosen clamps and detach fuel hoses at both ends of fuel filter. Replace filter. Pay attention to direction of fuel flow arrow. Connect fuel hoses and tighten clamps.
- 4. OIL CAN POINTS. Every 50 hours, clean and lightly oil access door hinges.

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By Order of the Secretary of the Army:

Official:

MILTON H. HAMILTON Administrative Assistant to the Secretary of the Army 04578 GORDON R. SULLIVAN General, United States Army Chief of Staff

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To be distributed in accordance with DA FORM 12-25-E, block no. 6080, requirements for LO 104320-318-12.

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PREVIOUS EDITIONS
• ARE OBSOLETE.

P.S.—IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

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