

**AIR COMPRESSOR, PORTABLE, 5 CFM, MODEL PD32T5
NSN 4310-01-365-9013**

References: TM 9-4310-394-13, TM 9-4310-394-23P, and FM9-207

REPORTING OF ERRORS

Reporting errors and recommending Improvements. You can help improve this lubrication order. If you find any mistakes or if you know of a way to improve the procedures, please 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. A reply will be furnished to you.

Distribution statement A, Approved for public release; distribution is unlimited.

This LO is for crew (C) or unit (O) Maintenance. Intervals (on-condition or hard time) are based on normal operation. Lube more during constant use, and less during inactive periods. Use correct grade of lubricant for seasonal temperature expected.

On the picture a dash line(---) means lube points on both sides.

Clean parts with dry cleaning solvent conforming to P-D 680, Type I. Dry before lubrication. DO NOT use fluid or semi-fluid lubricant on SFD lubricant surface. Wipe surface dry.

This air compressor, 5 CFM is not enrolled in the Army Oil Analysis Program. Hard time intervals apply. Change the

hard time interval if your lubricants are contaminated or if you are operating the equipment under adverse conditions, including longer than usual operating hours. The hard time interval ma be extended during periods of low activity. If extended, adequate preservations/precautions must be taken.

Before you start your lube service:

ALWAYS

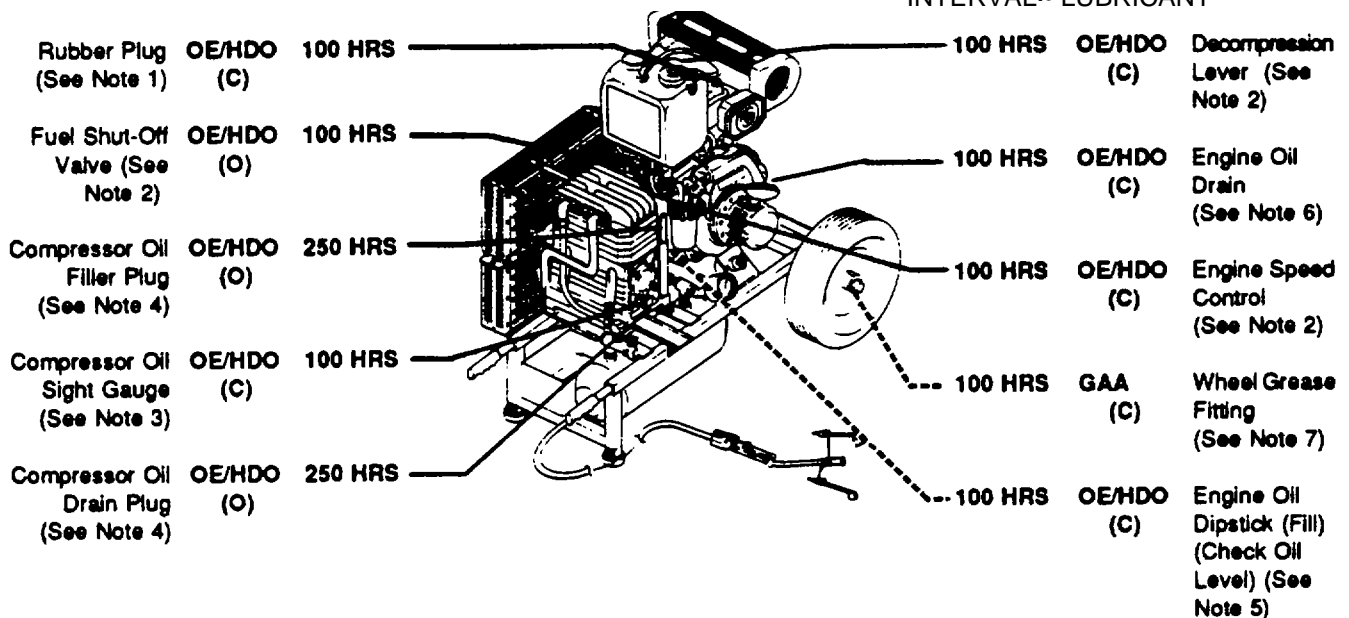
- a. Clean grease fittings before each lubrication.
- b. Use the lubrication order as your guide.

NEVER

- a. Use wrong type/grade grease
- b. Use too much lubricant

LUBRICANT • INTERVAL

INTERVAL • LUBRICANT



TOTAL TASK-HOUR		TOTAL TASK-HOUR	
Interval	Man Hr	Interval	Man Hr
100	1.0	250	0.5

LUBRICANTS MIL. SYMBOL SPECIFICATION	COMPONENTS & CAPACITY (APP)	EXPECTED TEMPERATURES																				
		°F	<-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120		
		°C	<-46	-40	-34	-29	-23	-18	-12	-7	-1	4	10	16	21	27	32	38	44	49		
OE/HDO MIL-L-2104 LUBRICATING OIL, ICE, COMBAT/ TACTICAL SERVICE or OEA MIL-L-46167 LUBRICATING OIL, ICE ARCTIC *	ENGINE 0.79 QT (0.75 L) COMPRESSOR 1.5 QT (1.42 L)	<p style="text-align: center;">OE/HDO-10 (O-237) **</p> <p style="text-align: center;">OE/HDO-30 (O-238) **</p> <p style="text-align: center;">OE/HDO-15/40 (O-1236) **</p> <p style="text-align: center;">OEA (O-183) **</p>																				
	OIL CAN POINTS (As Req'd)																					
GAA MIL-G-10924 GREASE, AUTOMOTIVE AND ARTILLERY	WHEELS (As Req'd)	ALL TEMPERATURES																				
P-D-880 DRY CLEANING SOLVENT	(As Req'd)	TYPE I AND II ALL TEMPERATURES																				
		°F	<-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100	110	120		
		°C	<-46	-40	-34	-29	-23	-18	-12	-7	-1	4	10	16	21	27	32	38	44	49		
		* For arctic operation refer to FM9-307											** Number in parenthesis is NATO code									

NOTES:

1. The engine equipped with a rubber plug in the rocker arm cover to aid starting in cold weather below 10°F (-12° C). The plug is removed and 5 or 6 drops of ending oil (OE/HDO) is added before starting.
2. Apply a drop of oil to the component shaft and contact surfaces. Activate component to spread oil evenly.
3. When checking oil level, make sure compressor is not running and is setting level. Check compressor oil level by examining sight glass on side of compressor. If oil in sight glass is not at least 1/2 full, add oil by removing oil filler tube on side of compressor and adding oil until sight glass level is.
4. Remove drain plug and drain oil with compressor stopped and level. Wipe drain plug clean. Oil should be warm to touch. Observe oil for evidence of contamination. If excessive contamination is found, direct support maintenance must be notified. Install and tighten drain plug. Unscrew filler plug and wipe clean. Fill compressor with oil OE/HDO as defined in the KEY table above. Screw filler plug into compressor.
5. Unscrew one of t two dipstick Check appearance of oil on dipstick for water contamination, excessive foaming, or particle contam-ination. If any of the conditions exist, notify unit maintenance. When checking oil level, make sure engine is not running and is setting level. If engine is tilted, you may

add to much or too little oil . Do not overfill or engine damage could result. Always check the lube oil level before starting engine and refill as necessary. Unscrew dipstick and wipe clean. Observe "H" mark on dipstick indicating engine is filled properly. Place dipstick into pan: Do not screw dipstick into oil pan. Remove dipstick and observe oil level. Add oil as needed to bring oil level to top mark of "H".

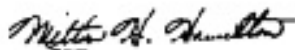
6. Drain oil with engine stopped and level. Engine oil should be warm to touch. Check oil for evidence of contamination. If excessive contamination is found, notify direct support maintenance. Install and tighten plug. Unscrew dipstick and fill oil pan with oil OE/HDO as defined in the KEY table above. Screw dipstick into oil pan.

7. Fill lube gun with MIL-G-10924. Attach gun to grease fitting of each wheel and add 2 to 4 pumps of lube gun handle to each wheel.

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:



MILTON H. HAMILTON
*Administrative Assistant to the
Secretary of the Army*

GORDON R. SULLIVAN
*General, United States Army
Chief of Staff*

DISTRIBUTION:

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9-4310-394-12.

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DA FORM 2028-2 JUL 79

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

