

# LUBRICATION

## ORDER

# L05-4310-247-15

2 APRIL 1965

### COMPRESSOR, ROTARY, DIESEL DRIVEN, AIR, TRAILER MOUNTED, 250CFM, 100PSI (ENGINE, CONTINENTAL MODEL JD403) (JOY MODEL RPV250DC20MS1)

Reference: C9100-IL

Intervals are based on normal hours of operation. Reduce to compensate for abnormal operation and severe conditions. During inactive periods sufficient lubrication must be performed for adequate preservation.

Relubricate after washing or fording.

Clean fittings before lubricating.

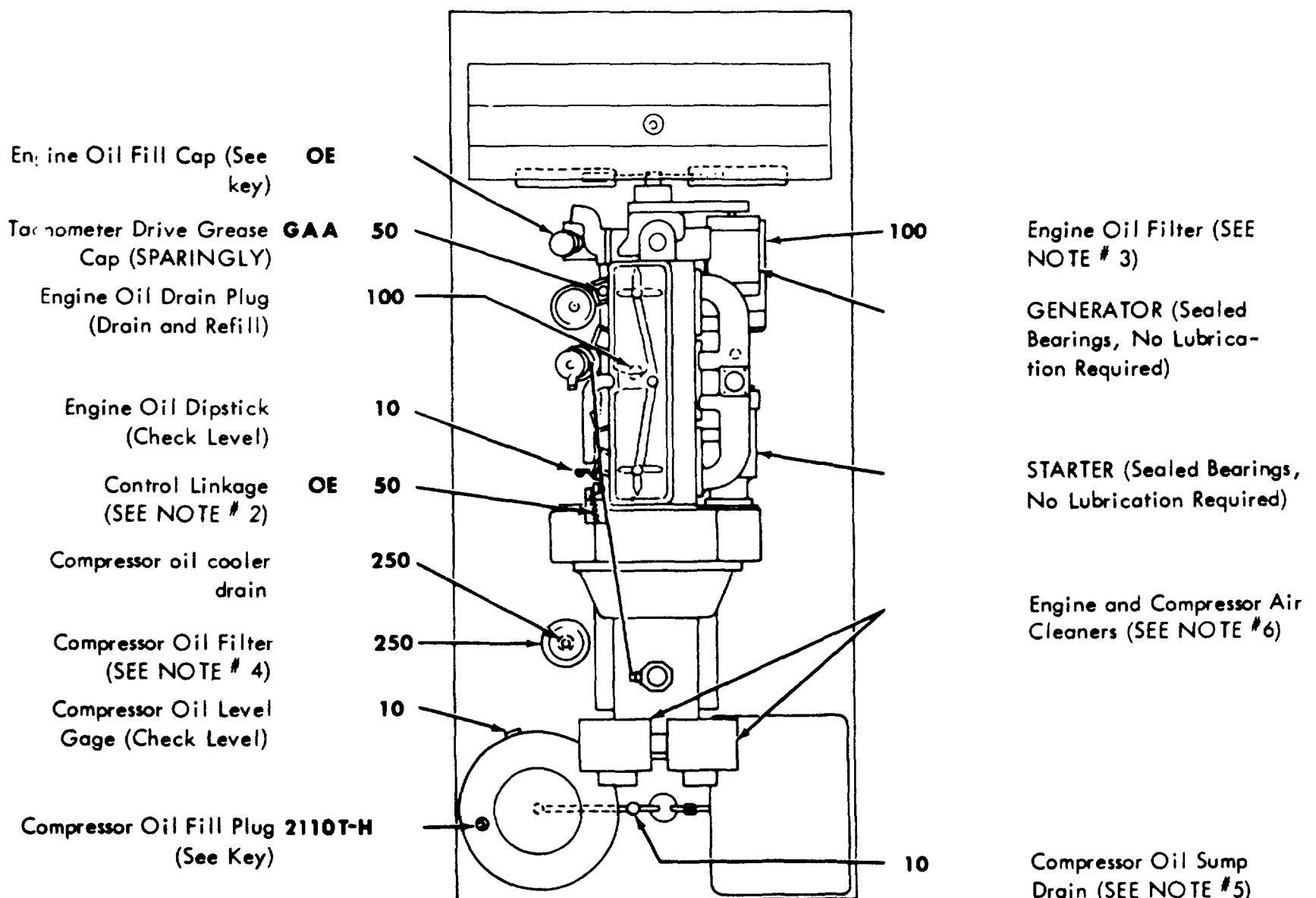
Clean parts with SOLVENT, dry-cleaning, or with OIL, fuel, Diesel. Dry before lubricating.

Drain crankcase when hot. Fill and check level.

A dotted circle indicates a drain below.

#### LUBRICANT • INTERVAL

#### INTERVAL • LUBRICANT



- KEY -

| LUBRICANTS                                      | CAPACITY  | EXPECTED TEMPERATURES        |                              |              | INTERVALS   |
|---|-----------|------------------------------|------------------------------|--------------|---|
|   |           | Above +32°F                  | +40°F to -10°F               | 0°F to -65°F |   |
| <b>OE OIL, Engine, Heavy Duty</b>               |           | <b>OE 30<br/>or<br/>9250</b> | <b>OE 10<br/>or<br/>9110</b> | <b>OES</b>   | Intervals given are in hours of normal operation. |
| Engine Crankcase                                | 10 1/2 qt |                              |                              |              |   |
| Oil Can Points                                  |           |                              |                              |              |   |
| <b>OES OIL, Engine, Sub-zero</b>                |           | <b>2110T-H</b>               | <b>2110T-H</b>               | <b>OES</b>   |   |
| <b>2110T-H LUBRICATING OIL, General Purpose</b> |           |                              |                              |              |   |
| Compressor Oil Sump                             | 34 qt     |                              |                              |              |   |
| <b>GAA GREASE, Automotive and Artillery</b>     |           | All Temperatures.            |                              |              |   |

NOTES:

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

2. OIL CAN POINTS. Every 50 hours clean and lightly coat control linkages, exposed threads and pins with OE.

3. ENGINE OIL FILTER. Every 100 hours remove filter element, clean housing and install new element, fill crankcase, operate engine for five minutes, check for leaks, check crankcase oil level, and bring to full mark.

4. COMPRESSOR OIL FILTER. Every 250 hours remove filter element, clean housing and install new element. This shall be done only during compressor oil change.

5. COMPRESSOR OIL SUMP. Daily, before operation open the Oil Sump Drain Valve slowly, drain the condensation from the oil sump. When oil appears close the valve. Every 250 hours drain and refill compressor oil sump, operate engine for five minutes, check for leaks, check compressor oil level, and bring to full mark.

6. AIR CLEANERS. The engine and compressor air cleaners are dry type air cleaners.

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:

**HAROLD K. JOHNSON,**  
General, United States Army,  
Chief of Staff.

Official:

**J. C. LAMBERT,**  
Major General, United States Army,  
The Adjutant General.

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