

# WAR DEPARTMENT LUBRICATION GUIDE

ORDNANCE DEPARTMENT



## TRUCK, 1/4 TON, 4x4 (FORD-WILLYS)

SNL G-503.

For detailed instructions, refer to TM.

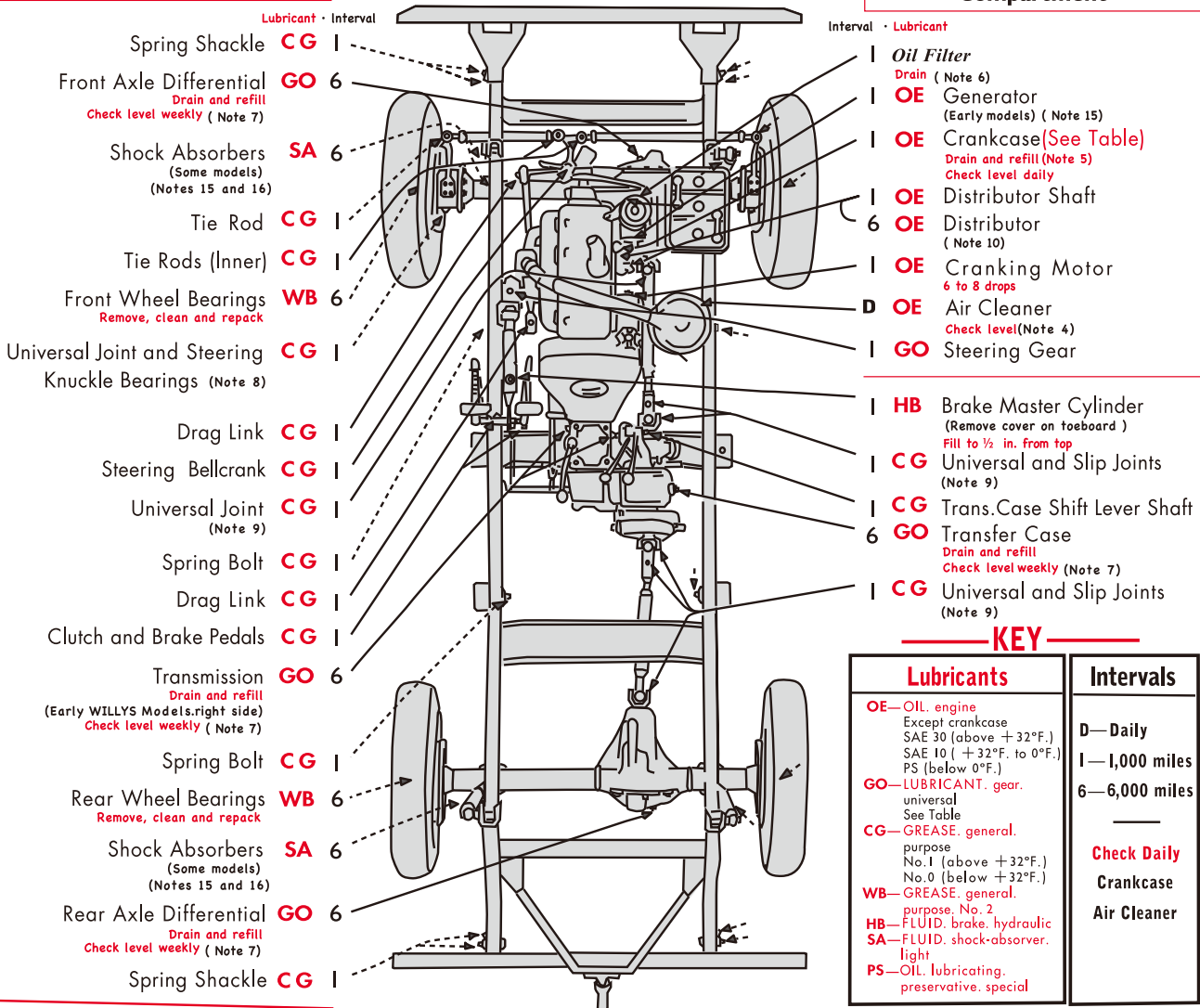
TABLE OF CAPACITIES AND LUBRICANTS TO BE USED

UNIT	CAPACITY (Approx.)	LOWEST EXPECTED AIR TEMPERATURE		
		+32° F. and above	+32° F. to 0° F.	Below 0° F.
Crankcase (Including Oil Filter)	5 qt.	OE SAE 30	OE SAE 10	Refer to OFSB 6-11
Transmission	3/4 qt.	GO SAE 90	GO SAE 80	GO Grade 75
Transfer Case	1 1/2 qt.			
Differentials (each)	1 1/4 qt.			

**CAUTION** Lubricate Dotted Arrow Palets on BOTH SIDES. Palets on OPPOSITE SIDE are Indicated by Dotted Short-Shaft Arrows.

**NOTE**— See Reverse Side for lubrication of TRAILER

### Serviced From Engine Compartment



Lubricants	Intervals
<b>OE</b> —OIL, engine Except crankcase SAE 30 (above +32°F.) SAE 10 (+32°F. to 0°F.) PS (below 0°F.)	<b>D</b> —Daily
<b>GO</b> —LUBRICANT, gear, universal See Table	<b>I</b> —1,000 miles
<b>CG</b> —GREASE, general, purpose No. 1 (above +32°F.) No. 0 (below +32°F.)	<b>6</b> —6,000 miles
<b>WB</b> —GREASE, general, purpose, No. 2	<b>Check Daily</b>
<b>HB</b> —FLUID, brake, hydraulic	<b>Crankcase</b>
<b>SA</b> —FLUID, shock-absorber, light	<b>Air Cleaner</b>
<b>PS</b> —OIL, lubricating, preservative, special	

### NOTES Additional Lubrication and Service Instructions on Individual Units and Parts NOTES

**COLD WEATHER:** For Lubrication and Service below 0°F., refer to OFSB 6-11.

- FITTINGS**—Clean before applying lubricant. Lubricate until new lubricant is forced from the bearing, unless otherwise specified. **CAUTION:** Lubricate chassis points after washing truck and trailer.
- INTERVALS** indicated are for normal service. For extreme conditions of speed, heat, water, sand, mud, snow, rough roads, dust,

- etc., reduce interval by 1/3 or 1/2, or more if conditions warrant.
- CLEANING**— SOLVENT, dry-cleaning, or OIL, fuel, diesel, will be used to clean or wash all parts. Use of gasoline for this purpose is prohibited. All parts will be thoroughly dry before relubrication.
- AIR CLEANER**—Daily. check level and re-

fill oil reservoir to bead level with used crankcase oil or OE. Every 1,000 miles, daily under extreme dust conditions, remove and wash all parts. From 0°F. to -40°F., use SA. Below -40°F., remove oil and operate dry.

- CRANKCASE**—Drain only when engine is (Notes: continued on Reverse Side)