### TRUCK, LIFT, FORK, ELECTRIC, SOLID RUBBER TIRES, 4,000 LBS CAPACITY, 100 IN LIFT, 130 IN LIFT, AND 144 IN LIFT, (BAKER MODEL FTD-004-EE,ARMY MODEL MHE 196)

Reference C9100-1L

Intervals are based on normal hours of operations. Reduce to compensate for abnormal operations and severe conditions. During inactive periods, sufficient lubrication must be performed for adequate preservation. Clean parts with SOLVENT, dry-cleaning, or with OIL, fuel, Diesel. Dry before lubricating.

Lubricate points indicated by dotted arrow shafts on both sides of equipment.

Clean fittings before lubricating.

## LUBRICANT • INTERVAL

# Drain gearcases when hot. Fill and check level.

## **INTERVAL • LUBRICANT**

FOLD				POLD
Lift Chain (Clean and coat)	OE	250		Carriage Rollers (To be lubricated by direct support maintenance).
Crosshead Bearing	GAA	250	GAA	Tilt Cylinder Rod End (Sparingly)
(Sparingly) Uprights	GAA	250	GAA	Mast Pivot Bearing (Sparingly)
(Brush on Mating Surfaces)			ΗB	Brake Master Cylinder (Check and maintain level)
Drive Axle Level Plug (Check and maintain level)			GAA	Brake CrossTube(Sparingly)
Drive Axle Fill Plug	GO	250	GAA	Tilt Cylinder (Sparingly)
(See note 1)			OE	Hydraulic Oil Tank/Fill Cap (See Note 2)
Drive Axle Drain Plug (Drain and refill)		50		HydraulicOilTankLeveiPlug (Check and maintain levei)
Steering Rod End (Sparingly) Wheel Bearings (Remove wheel, clean,				Hydraulic Oil Tank Drain Plug (Drain and refill) (See note (4)
inspect and lubricate bearings, and reassemble)				Hydraulic Oil Filter (change element)
Spindle Pin Thrust Bearing (To be lubricated by direct		50	OE	Power Steering Pump (Fill and check level) (See key)
support maintenance)		250	GAA	Tie Rod End (Sparingly)
Tie Rod Ends (Sparingly) Steering Rod End (Saasingly)	GAA	250 250 250	GAA	Spindle Pin (Sparingly) (2 fittings)
(Sparingly)		250	GAA	Bellcrank (Sparingly)

LUBRICANTS	CAPACITY	EXPEC	INTERVALS		
		Above +32°F	+40°F to -10°F	0°F to -65°F	
OE - Oil, Engine, Heavy Duty					
Power Steering Reservoir	1 qt				
Hydraulic Oil Reservoir	25 qt	<b>OE</b> 10	<b>OE</b> 10	OES	Intervals
Oil Can Points					given are
OES - Oil, Engine, Sub-zero					in hours
GO - LUBRICATION OIL Gear Drive Axle	4-1/2 qt	GO 90	GO 90	GOS	of normal
GOS - LUBRICATION OIL, Gear, Sub-zero					operation
HB - HYDRAULIC FLUID, Automotive					
Master Brake Cylinder					
GAA - GREASE, Automotive and Artillery					

#### <u>FOLD</u>

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NOTES:

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

2. HYDRAULIC SYSTEM. After refilling system, operate lift 5 minutes, check level and bring to full mark.

3. OIL CAN POINTS. Every 100 hours lubricate seat brake and hand brake, linkage, accelerate pivots, battery rollers and all adjusting threads with OE.

4. Every 1000 hours, remove access plate, drain hydraulic tank: remove and clean filter screen.

A 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:

HAROLD K. JOHNSON General, United States Army, OFFICIAL: Chief of Staff. J. C. LAMBERT, Major General, United States Army The Adjutant General.

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