

Rear Axle Lubrication Requirements

Proper lubrication procedures and maintenance schedules for the truck rear axle differential and bearings.

Lubricant Specifications

Use A-1 heavy fluid or semi-fluid oil such as:

- Mobiloil C
- Whitemore's Worm Gear Protective

Maintain oil level even with upper oil plug.

Table 1: Maintenance Schedule

Mileage	Required Maintenance
500 miles	First oil change
1000 miles	Second oil change
Every 100 miles	Turn outer bearing dope cups one full turn

Post-Service Procedure

1. Fill differential with oil
2. Jack up axle
3. Run for 5-10 minutes to ensure proper bearing lubrication

Reference Figures

Figure 1: Truck Rear Axle: Longitudinal View

Figure 2: Truck Rear Axle: Cross Section Showing Worm and Worm Gear

Figure 3: Starter and Generator Units