

LONESTAR FORKLIFT

FORKLIFT GREASING RECOMMENDATIONS FOR CONCRETE MANUFACTURING ENVIRONMENTS

WHY THIS MATTERS

Concrete production environments are hard on equipment. Fine dust, wet conditions, and abrasive materials accelerate wear, especially in moving parts and joints. Improper or infrequent greasing can lead to:

- Premature bearing or bushing failure
- Lift chain wear
- Increased downtime and service costs
- Reduced equipment lifespan

HOW CONCRETE FACILITIES DIFFER

In standard environments, forklifts are often greased every 200–250 hours. But in concrete production, where:

- Dust enters every exposed surface
- Operators drive over uneven, outdoor terrain
- Washdowns and moisture cause corrosion

Greasing schedules and materials must be adjusted for protection and performance.

GREASE TYPE RECOMMENDATIONS

Use High-Quality, Heavy-Duty Grease with the Following Properties:

- NLGI #2 lithium complex or synthetic blend
- Water-resistant and dust-repelling
- High film strength to stay in place under shock loads
- Anti-wear additives (e.g. moly or graphite in high-load points)
- Check your owners manual for additional grease recommendations



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GREASING FREQUENCY RECOMMENDATIONS

COMPONENTS	STANDARD INTERVAL	CONCRETE YARD INTERVAL
Mast Bearings	Every 250 hrs	Every 100 hrs or weekly
Lift Chains	Every 250 hrs	Every 80 hrs or weekly
Tilt Cylinders	Every 250 hrs	Every 100 hrs
Steering Linkage	Every 250 hrs	Every 100 hrs
Side Shift Mechanism	Every 200 hrs	Every 80–100 hrs
Kingpins / Axles	Every 250 hrs	Every 100 hrs

Note: Always refer to OEM specs in your owners manual as well. wLonestar can provide schedule adjustments per model.

PRO TIPS FOR CONCRETE ENVIRONMENTS

- **Purge Old Grease Often:** Concrete dust turns grease into an abrasive paste, purging forces old grease out of bushings so fresh grease can get in.
- **Don't Over grease Chains:** Excess grease attracts dust and creates grit. Apply a light coat and wipe excess.
- **Inspect While You Grease:** Look for cracked fittings, dry joints, or signs of premature wear.
- **Create a Visible Log:** Post a greasing chart in the maintenance bay to track service per machine.

LONESTAR FORKLIFT SERVICE SUPPORT

Want to stop guessing? We offer:

- **Planned Maintenance Programs** with proper greasing intervals for high-dust environments
- **On-site inspections** to assess wear patterns and recommend service improvements
- **OEM-spec grease** and technician training for your in-house team

SCHEDULE YOUR FREE SITE SURVEY TODAY

We'll evaluate your forklift wear patterns and maintenance needs, so your PM schedule works for your real-world concrete application.

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