

## Direct Drive Chain Coupling Inspection

Run the equipment and listen for unusual noises, drive couplings popping, gearbox roaring, motor rumbling or a slow start. Look for movement where the gearbox or motor mounts.

Turn off the equipment and follow lock out procedures.

### 1. Inspect Guard

- Ensure guard is not bent and fits securely
- Inspect inside of guard for worn places where drive parts could be rubbing.
- Check for and eliminate any buildup of debris

### 2. Inspect Chain coupling

- Inspect the chain for cracked or broken parts
- Inspect set screws and keyways on coupling.
- Lubricate chain

### 3. Inspect Gearbox

- Check for oil leaks.
- Inspect sight glass.
- Check gear oil level. Do not over fill
- Ensure mounting bolts are secure.

### 4. Inspect Motor

- Look for damaged or loose wires or connectors
- Make sure make-up box is securely attached
- Make sure disconnect is in good shape and fully functional.

### 5. Inspect Belt Guard

- Ensure guard is not bent and fits securely
- Inspect inside of guard for worn places where drive parts could be rubbing.
- Check for and eliminate any buildup of debris

**6. Inspect Belts**

- Inspect belts for wear.
- Tension belts.

**7. Inspect Sheaves**

- Check sheave alignment.
- Inspect sheave for chips or cracks.
- Check sheave keyways and bushings for secure fit.

**Record any issues and what action was taken. Record any issues that need repair but you could not repair at this time.**

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- Replaced guard
- Removed lock