



**PURPOSE**

To provide instructions for the lubrication of zinc-plated load chain.

**SCOPE**

- These instructions apply to the use of zinc-plated load chain on the following Harrington chain hoists:
  - Electric-Powered Chain Hoists: ER, NER, ES, NES.
  - Air-Powered Chain Hoists: TCR
- Two types of load chain are available for these hoists. One is non-plated and is blackish in color. The other is zinc-plated and is silver in color. These instructions apply only to the use of the zinc-plated load chain on these hoists. For procedures relating to the use of non-plated chain refer to the Owner's Manual provided with the hoist.
- These instructions are limited to lubrication of the zinc-plated load chain. For other procedures such as cleaning, inspection, and replacement refer to the Owner's Manual provided with the hoist.

**PREFACE**

Chain lubrication is a critical factor in the service life of a load chain. Harrington recommends the use of general lithium grease (NLGI No.0) for lubrication of zinc-plated load chain.

Under normal usage, the zinc-plated load chain should be cleaned and lubricated periodically in accordance with these instructions to maintain a coating of grease on the links of the chain.

**INSTRUCTIONS**

1. Suspend the chain vertically under no-load conditions.
2. Remove dust, dirt, grime, and moisture from the chain.
3. Apply the lubricant around the sections where the chain links come into contact with each other AND where the chain links come into contact with the load sheave.
4. After applying the lubricant, operate the hoist in both directions several times over the entire length of the load chain under no-load conditions to spread the lubricant evenly on the surface of the chain's links.

END

**GENERAL USE**

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