

## Forklift Chains

Chains for Forklifts - The life of lift chains on lift trucks can actually be prolonged greatly with good maintenance and care. For instance, correct lubrication is the most effectual way so as to extend the service capability of this component. It is really important to apply oil every so often making use of a brush or other lube application device. The volume and frequency of oil application must be enough in order to stop any rust discoloration of oil in the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this situation has happened, it is very important to lubricate the lift chains at once.

It is typical for a few metal to metal contact to take place during lift chain operation. This could lead to [forklift parts](#) wearing out in time. The industry standard considers a lift chain to be worn out when 3 percent elongation has happened. So as to prevent the scary possibility of a catastrophic lift chain failure from taking place, the maker highly suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer because of progressive joint wear that elongates the chain pitch. This elongation can be measured by placing a certain number of pitches under tension.

One more factor to ensuring good lift chain maintenance is to check the clevis pins on the lift chain for indications of wear and tear. The lift chains have been put together so that the tapered faces of the clevis pin are lined up. Usually, rotation of the clevis pins is commonly caused by shock loading. Shock loading takes place if the chain is loose and then suddenly a load is applied. This causes the chain to go through a shock as it 'snaps' under the load tension. Without the good lubrication, in this case, the pins could rotate in the chain's link. If this scenario happens, the lift chains should be replaced right away. It is essential to always replace the lift chains in pairs to ensure even wear.