

## Forklift Chains

Forklift Chain - The life of lift chains on lift trucks could actually be lengthened significantly with good maintenance and care. Like for instance, correct lubrication is the most effective way so as to extend the service capability of this particular component. It is really important to apply oil periodically making use of a brush or other lube application device. The frequency and volume of oil application has to be enough to be able to stop whichever 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 really imperative to lubricate the lift chains right away.

Through lift chain operation it is typical for some metal to metal contact to happen which can lead to several parts to wear out sooner or later. As soon as there is 3% elongation on the lift chain, it is considered by industry standards to have worn out the chain. So as to stop the scary likelihood of a catastrophic lift chain failure from happening, the manufacturer very much recommends that the lift chain be replaced before it reaches 3 percent elongation. The lift chain gets longer due to progressive joint wear that elongates the chain pitch. This elongation is capable of being measured by placing a certain number of pitches under tension.

To ensure correct lift chain maintenance, one more factor to think about is to check the clevis pins on the lift chain for indications of wearing. Lift chains are assembled so that the clevis pins have their tapered faces lined up with each other. Usually, rotation of the clevis pins is frequently caused by shock loading. Shock loading occurs if the chain is loose and then suddenly a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. With no correct lubrication, in this situation, the pins can rotate in the chain's link. If this situation takes place, the lift chains should be replaced instantly. It is essential to always replace the lift chains in pairs in order to ensure even wear.