

## Chain for Forklifts

Chain for Forklift - The life of lift chains on lift trucks can actually be extended significantly with good maintenance and care. Like for instance, correct lubrication is actually the most effective way to extend the service capability of this particular part. It is really essential to apply oil occasionally making use of a brush or whatever lube application device. The frequency and volume of oil application needs to be enough to be able to prevent any rust discoloration of oil within the joints. This reddish brown discoloration generally signals that the lift chains have not been correctly lubricated. If this particular condition has happened, it is really important to lubricate the lift chains at once.

Through lift chain operation it is typical for some metal to metal contact to take place which can result in several components to wear out eventually. Once there is three percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. So as to prevent the scary chance of a disastrous lift chain failure from taking place, the maker greatly suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain lengthens because of progressive joint wear which elongates the chain pitch. This elongation is capable of being measured by placing a certain number of pitches under tension.

In order to ensure proper lift chain maintenance, another factor to think about is to check the clevis pins on the lift chain for signs of wearing. Lift chains are assembled so that the clevis pins have their tapered faces lined up with each other. Normally, rotation of the clevis pins is often caused by shock loading. Shock loading happens if the chain is loose and then all of a sudden a load is applied. This causes the chain to go through a shock as it 'snaps' under the load tension. With no proper lubrication, in this particular case, the pins could rotate in the chain's link. If this scenario takes place, the lift chains have to be replaced instantly. It is essential to always replace the lift chains in pairs so as to ensure even wear.