

## Chain for Forklift

Chains for Forklifts - The life of lift chains on lift trucks could be prolonged completely with proper maintenance and care. Like for example, correct lubrication is the most effective way to extend the service capability of this part. It is really essential to apply oil periodically using a brush or whichever lube application device. The volume and frequency of oil application should be enough in order to avoid whatever rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this particular condition has occurred, it is very important to lubricate the lift chains as soon as possible.

All through lift chain operation it is common for some metal to metal contact to happen that could cause a few parts 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. To be able to avoid the scary chance of a disastrous lift chain failure from happening, the maker greatly suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer because of progressive joint wear which elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

Another factor to ensuring proper lift chain maintenance is to check the clevis pins on the lift chain for signs of wear and tear. The lift chains have been assembled 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 all of a sudden a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. Without the proper lubrication, in this situation, the pins could rotate in the chain's link. If this scenario happens, the lift chains must be replaced instantly. It is imperative to always replace the lift chains in pairs so as to ensure even wear.