

## Chain for Forklift

Forklift Chains - The life of lift chains on lift trucks could actually be lengthened greatly with good care and maintenance. For example, right lubrication is actually the most effective method in order to lengthen the service capability of this part. It is really essential to apply oil every so often with a brush or other lube application tool. The volume and frequency of oil application should be sufficient so as to stop any rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been properly lubricated. If this particular condition has happened, it is very essential to lubricate the lift chains as soon as possible.

Through lift chain operation it is common for some metal to metal contact to happen that could result in several parts to wear out sooner or later. When there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to stop the scary chance of a disastrous lift chain failure from taking place, the maker greatly recommends that the lift chain be replaced before it reaches 3% elongation. The lift chain lengthens 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.

Another factor to ensuring proper 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. Generally, rotation of the clevis pins is commonly caused by shock loading. Shock loading occurs when 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. Without the correct lubrication, in this situation, the pins can rotate in the chain's link. If this scenario takes place, the lift chains should be replaced immediately. It is very important to always replace the lift chains in pairs to ensure even wear.