

## Chains for Forklift

Chain for Forklift - The life of lift chains on forklifts could be extended significantly with good maintenance and care. Like for instance, correct lubrication is the most effective method to be able to prolong the service capability of this particular component. It is really essential to apply oil periodically with a brush or other lube application device. The frequency and volume of oil application must be sufficient so as to avoid 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 occurred, it is extremely important to lubricate the lift chains right away.

Through lift chain operation it is normal for some metal to metal contact to occur which can result in several components to wear out in due course. As soon as 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 likelihood of a catastrophic lift chain failure from occurring, the maker greatly recommends that the lift chain be replaced before it reaches 3 percent elongation. The lift chain lengthens due to 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 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 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 happens 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 particular situation, the pins could rotate in the chain's link. If this situation happens, the lift chains have to be replaced right away. It is imperative to always replace the lift chains in pairs in order to ensure even wear.