

## Chains for Forklifts

Chain for Forklift - The life of lift chains on lift trucks could actually be extended completely with correct care and maintenance. Like for example, correct lubrication is actually the most effective technique in order to lengthen the service capability of this particular part. It is really important to apply oil every so often using a brush or whichever lube application device. The frequency and volume of oil application must be adequate so as to prevent whatever rust discoloration of oil within the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this condition has occurred, it is very essential to lubricate the lift chains right away.

It is normal for several metal to metal contact to happen during lift chain operation. This can result in parts to wear out sooner or later. The industry standard considers a lift chain to be worn out if 3% elongation has happened. To be able to avoid the scary possibility of a catastrophic lift chain failure from occurring, the maker highly suggests 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.

In order 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. Normally, rotation of the clevis pins is often caused by shock loading. Shock loading takes place when the chain is loose and then suddenly a load is applied. This causes the chain to go through a shock as it 'snaps' under the load tension. With no correct lubrication, in this particular case, the pins can rotate in the chain's link. If this particular scenario takes place, the lift chains should be replaced at once. It is essential to always replace the lift chains in pairs so as to ensure even wear.