

## Chain for Forklifts

Forklift Chain - The life of lift chains on forklifts can be prolonged completely with proper maintenance and care. Like for instance, correct lubrication is actually the most effectual method to extend the service capability of this particular component. It is essential to apply oil periodically utilizing a brush or whatever lube application tool. The frequency and volume of oil application has to be adequate to be able to avoid whichever rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this situation has occurred, it is really important to lubricate the lift chains at once.

It is normal for several metal to metal contact to take place all through lift chain operation. This can cause components to wear out in time. The industry standard considers a lift chain to be worn out if 3% elongation has occurred. So as to avoid the scary possibility of a disastrous lift chain failure from occurring, the manufacturer highly recommends that the lift chain be replaced before it reaches 3 percent elongation. The lift chain gets longer because of progressive joint wear that elongates the chain pitch. This elongation is capable of being measured by placing a certain number of pitches under tension.

To ensure good 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 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. With no proper lubrication, in this situation, the pins can rotate in the chain's link. If this particular situation occurs, the lift chains have to be replaced immediately. It is essential to always replace the lift chains in pairs to ensure even wear.