

## Forklift Chains

Forklift Chain - The life of lift chains on forklifts can be prolonged completely with good maintenance and care. For instance, correct lubrication is the most effective way in order to lengthen the service capability of this part. It is really vital to apply oil occasionally making use of a brush or whatever lube application device. The volume and frequency of oil application should be adequate so as to prevent any 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 very important to lubricate the lift chains at once.

It is common for some metal to metal contact to happen all through lift chain operation. This could result in parts to wear out in the end. The industry standard considers a lift chain to be worn out if 3 percent elongation has happened. In order to avoid the scary possibility of a disastrous lift chain failure from happening, the manufacturer highly suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer because of progressive joint wear that elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

To ensure proper 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. Usually, rotation of the clevis pins is often caused by shock loading. Shock loading occurs 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. Without the correct lubrication, in this particular situation, the pins could rotate in the chain's link. If this situation happens, the lift chains need to be replaced at once. It is vital to always replace the lift chains in pairs in order to ensure even wear.