

## Chains for Forklift

Forklift Chain - The life of the forklift lift chains can be extended with correct care and maintenance. Lubricating correctly is a great method to be able to prolong the capability of this forklift part. It is really essential to apply oil occasionally with a brush or whichever lube application device. The volume and frequency of oil application must be sufficient so as to stop any rust discoloration of oil within the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this particular situation has happened, it is very important to lubricate the lift chains immediately.

It is normal for several metal to metal contact to happen throughout lift chain operation. This could result in components to wear out in the end. The industry standard considers a lift chain to be worn out when 3 percent elongation has happened. In order to stop the scary chance of a disastrous lift chain failure from taking place, the maker very much 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 can be measured by placing a certain number of pitches under tension.

To ensure proper 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 put together so that the clevis pins have their tapered faces lined up with each other. Generally, rotation of the clevis pins is frequently caused by shock loading. Shock loading occurs when 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 case, the pins could rotate in the chain's link. If this situation occurs, the lift chains must be replaced instantly. It is vital to always replace the lift chains in pairs to ensure even wear.