

## Chain for Forklift

Forklift Chain - The life of lift chains on forklifts could be lengthened greatly with correct care and maintenance. Like for example, right lubrication is the most effectual technique to be able to lengthen the service capability of this part. It is really important to apply oil occasionally making use of a brush or whichever lube application tool. The frequency and volume of oil application needs to be sufficient to be able to stop any rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been correctly lubricated. If this situation has happened, it is really essential to lubricate the lift chains as soon as possible.

During lift chain operation it is normal for some metal to metal contact to occur which can result in several components to wear out in the long run. When there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. So as to avoid the scary possibility of a disastrous lift chain failure from taking place, the manufacturer greatly recommends that the lift chain be replaced before it reaches 3 percent elongation. The lift chain gets longer because of progressive joint wear which elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

Another factor to ensuring good lift chain maintenance is to check the clevis pins on the lift chain for signs of wear and tear. The lift chains have been assembled so that the tapered faces of the clevis pin are lined up. Normally, rotation of the clevis pins is commonly caused by shock loading. Shock loading occurs if 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. Without the good lubrication, in this situation, the pins could rotate in the chain's link. If this particular scenario takes place, the lift chains must be replaced instantly. It is essential to always replace the lift chains in pairs in order to ensure even wear.