

## Forklift Chain

Forklift Chain - The life of the lift truck lift chains can be lengthened with proper maintenance and care. Lubricating properly is actually a great technique to be able to lengthen the capability of this forklift part. It is really important to apply oil periodically making use of a brush or whichever lube application device. The frequency and volume of oil application needs to be adequate so as 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 condition has happened, it is very imperative to lubricate the lift chains at once.

It is normal for several metal to metal contact to happen through lift chain operation. This can cause parts to wear out in the end. The industry standard considers a lift chain to be worn out if three percent elongation has happened. To be able to stop the scary possibility of a disastrous lift chain failure from taking place, the maker very much recommends that the lift chain be replaced before it reaches 3% elongation. The lift chain lengthens 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.

To ensure proper lift chain maintenance, one more factor to think about is to check the clevis pins on the lift chain for signs of wearing. Lift chains are put together 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 all of a sudden a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. Without the proper lubrication, in this case, the pins can rotate in the chain's link. If this situation happens, the lift chains should be replaced at once. It is imperative to always replace the lift chains in pairs so as to ensure even wear.