

Chain for Forklift

Forklift Chains - The life of lift chains on forklifts could actually be prolonged greatly with good maintenance and care. For example, right lubrication is the most effectual method to lengthen the service capability of this particular component. It is really essential to apply oil occasionally utilizing a brush or whatever lube application device. The frequency and volume of oil application needs to be enough in order to stop any rust discoloration of oil in the joints. This reddish brown discoloration normally signals that the lift chains have not been correctly lubricated. If this particular condition has occurred, it is extremely important to lubricate the lift chains as soon as possible.

It is typical for a few metal to metal contact to occur 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% elongation has occurred. So as to stop the scary chance of a disastrous lift chain failure from taking place, the manufacturer greatly suggests that the lift chain be replaced before it reaches three percent elongation. The lift chain lengthens because of progressive joint wear which elongates the chain pitch. This elongation can be measured by placing a certain number of pitches under tension.

In order to ensure correct lift chain maintenance, another factor to consider 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. Generally, rotation of the clevis pins is frequently caused by shock loading. Shock loading happens 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. With no good lubrication, in this particular situation, the pins can rotate in the chain's link. If this particular situation takes place, the lift chains should be replaced instantly. It is essential to always replace the lift chains in pairs to ensure even wear.