

Chain for Forklifts

Forklift Chain - The life of lift chains on forklifts could actually be prolonged significantly with good care and maintenance. For instance, right lubrication is the most effectual technique so as to lengthen the service capability of this particular component. It is essential to apply oil periodically utilizing a brush or other lube application device. The volume and frequency of oil application should be enough to be able to stop any rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this situation has happened, it is extremely essential to lubricate the lift chains as soon as possible.

All through lift chain operation it is typical for some metal to metal contact to take place which could lead to several components to wear out in the long run. As soon as there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. So as to prevent the scary chance of a catastrophic lift chain failure from taking place, the maker highly suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer due to progressive joint wear that elongates the chain pitch. This elongation can be measured by placing a certain number of pitches under tension.

So as to ensure good 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. Normally, rotation of the clevis pins is frequently caused by shock loading. Shock loading occurs when the chain is loose and then all of a sudden a load is applied. This causes the chain to go through 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 situation takes place, the lift chains should be replaced immediately. It is very important to always replace the lift chains in pairs to ensure even wear.