

Forklift Chain

Chains for Forklift - The life of lift chains on forklifts could actually be prolonged completely with proper care and maintenance. For example, right lubrication is the most effective way to be able to lengthen the service capability of this particular part. It is vital to apply oil periodically utilizing a brush or other lube application tool. The volume and frequency of oil application should be enough so as to avoid whatever rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been correctly lubricated. If this particular situation has happened, it is extremely important to lubricate the lift chains right away.

It is normal for some metal to metal contact to happen during lift chain operation. This could cause components to wear out in the long run. The industry standard considers a lift chain to be worn out if 3 percent elongation has happened. In order to avoid the scary likelihood of a disastrous lift chain failure from happening, the manufacturer highly recommends that the lift chain be replaced before it reaches three percent 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 good lift chain maintenance, another factor to think about is to check the clevis pins on the lift chain for indications 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 happens if 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. Without the proper lubrication, in this particular case, the pins can rotate in the chain's link. If this scenario takes place, the lift chains should be replaced at once. It is essential to always replace the lift chains in pairs in order to ensure even wear.