

Chains for Forklift

Forklift Chain - The life of lift chains on lift trucks could actually be lengthened completely with good care and maintenance. Like for example, right lubrication is actually the most effectual way to be able to extend the service capability of this component. It is really essential to apply oil periodically making use of a brush or whatever lube application tool. The frequency and volume of oil application should be sufficient in order to avoid whatever 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 occurred, it is very important to lubricate the lift chains immediately.

Throughout lift chain operation it is typical for some metal to metal contact to take place which could result in a few components to wear out eventually. When there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. To be able to prevent the scary likelihood of a disastrous lift chain failure from happening, the maker very much suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain lengthens due to progressive joint wear which elongates the chain pitch. This elongation is capable of being measured by placing a certain number of pitches under tension.

To ensure correct lift chain maintenance, another factor to consider 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. Usually, rotation of the clevis pins is commonly 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. With no correct lubrication, in this situation, the pins could rotate in the chain's link. If this particular scenario occurs, 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.