

Chain for Forklift

Chain for Forklift - The life of lift chains on lift trucks could actually be extended completely with correct care and maintenance. For example, right lubrication is the most efficient way in order to lengthen the service capability of this particular component. It is really vital to apply oil every so often utilizing a brush or whatever lube application device. The frequency and volume of oil application needs to be sufficient so as to prevent whatever rust discoloration of oil in the joints. This reddish brown discoloration usually signals that the lift chains have not been properly lubricated. If this situation has occurred, it is very essential to lubricate the lift chains right away.

It is common for some metal to metal contact to happen through lift chain operation. This can lead to components to wear out in the end. The industry standard considers a lift chain to be worn out when 3% elongation has happened. In order to avoid the scary likelihood of a disastrous lift chain failure from occurring, the manufacturer very much recommends that the lift chain be replaced before it reaches 3 percent 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 consider is to check the clevis pins on the lift chain for indications of wearing. Lift chains are put together 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. Without the correct lubrication, in this particular situation, the pins can rotate in the chain's link. If this particular situation occurs, the lift chains must be replaced at once. It is imperative to always replace the lift chains in pairs to ensure even wear.