

Forklift Chain

Chain for Forklifts - The life of lift chains on lift trucks could be prolonged significantly with correct care and maintenance. Like for example, right lubrication is the most efficient method to be able to lengthen the service capability of this particular part. It is really vital to apply oil every so often making use of a brush or whatever lube application device. The volume and frequency of oil application must be sufficient in order to stop whichever rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this particular situation has occurred, it is extremely essential to lubricate the lift chains as soon as possible.

Throughout lift chain operation it is normal for some metal to metal contact to happen that could result in a few components to wear out in the long run. When there is 3% elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to stop the scary chance of a disastrous lift chain failure from happening, the manufacturer greatly 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 proper 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. Normally, rotation of the clevis pins is frequently caused by shock loading. Shock loading happens when the chain is loose and then suddenly a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. With no correct lubrication, in this particular situation, the pins could rotate in the chain's link. If this particular scenario happens, the lift chains need to be replaced right away. It is imperative to always replace the lift chains in pairs to ensure even wear.