

Chain for Forklift

Forklift Chain - The life of lift chains on forklifts could actually be lengthened significantly with proper care and maintenance. Like for example, right lubrication is the most efficient way to lengthen the service capability of this part. It is important to apply oil occasionally utilizing a brush or other lube application tool. The volume and frequency of oil application must be enough in order to avoid whichever rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been properly lubricated. If this condition has happened, it is extremely imperative to lubricate the lift chains at once.

Through lift chain operation it is common for some metal to metal contact to take place that can result in several parts to wear out in the end. When there is three percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to prevent the scary likelihood of a disastrous lift chain failure from occurring, the maker 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 can be measured by placing a certain number of pitches under tension.

To be able to ensure correct 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. Generally, 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 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 occurs, the lift chains should be replaced instantly. It is essential to always replace the lift chains in pairs to ensure even wear.