

Chain for Forklift

Forklift Chain - The life of the lift truck lift chains can be lengthened with proper maintenance and care. Lubricating correctly is an excellent technique so as to lengthen the capability of this particular forklift component. It is really vital to apply oil every so often making use of a brush or whatever lube application tool. The frequency and volume of oil application should be adequate in order to stop whatever rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this situation has happened, it is really important to lubricate the lift chains immediately.

Throughout lift chain operation it is normal for some metal to metal contact to happen which can result in several components to wear out in due course. Once there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to prevent the scary chance of a disastrous lift chain failure from occurring, the maker highly suggests 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, one more 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. Usually, rotation of the clevis pins is frequently caused by shock loading. Shock loading takes place 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 case, the pins could rotate in the chain's link. If this particular situation happens, the lift chains must be replaced instantly. It is very important to always replace the lift chains in pairs to ensure even wear.