

Chain for Forklift

Forklift Chains - The life of the lift truck lift chains can be lengthened with good maintenance and care. Lubricating properly is an excellent method to be able to lengthen the capability of this particular lift truck component. It is really essential to apply oil occasionally utilizing a brush or whichever lube application device. The frequency and volume of oil application needs to be sufficient to be able to prevent whichever rust discoloration of oil within the joints. This reddish brown discoloration generally signals that the lift chains have not been correctly lubricated. If this particular situation has occurred, it is very imperative to lubricate the lift chains as soon as possible.

All through lift chain operation it is common for some metal to metal contact to take place which could result in some parts to wear out eventually. As soon as there is three percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. To be able to stop 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 three percent elongation. The lift chain gets longer due to progressive joint wear that elongates the chain pitch. This elongation can be measured by placing a certain number of pitches under tension.

Another factor to ensuring proper lift chain maintenance is to check the clevis pins on the lift chain for signs of wear and tear. The lift chains have been put together so that the tapered faces of the clevis pin are lined up. Usually, rotation of the clevis pins is frequently caused by shock loading. Shock loading takes place 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. With no good lubrication, in this situation, the pins can rotate in the chain's link. If this particular situation takes place, the lift chains must be replaced immediately. It is essential to always replace the lift chains in pairs in order to ensure even wear.