

Forklift Chain

Chains for Forklift - The life of lift chains on forklifts could be lengthened completely with proper maintenance and care. Like for example, correct lubrication is actually the most efficient technique in order to extend the service capability of this particular component. It is really essential to apply oil occasionally utilizing a brush or whichever lube application tool. The frequency and volume of oil application has to be adequate to be able to avoid whichever rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been correctly lubricated. If this condition has happened, it is very imperative to lubricate the lift chains at once.

Through lift chain operation it is normal for some metal to metal contact to take place which can lead to several components to wear out eventually. When 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 catastrophic lift chain failure from occurring, the manufacturer very much suggests that the lift chain be replaced before it reaches 3% 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 correct lift chain maintenance, one more factor to think about 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 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. With no proper lubrication, in this situation, the pins could rotate in the chain's link. If this situation occurs, the lift chains should be replaced instantly. It is very important to always replace the lift chains in pairs in order to ensure even wear.