

Chain for Forklifts

Chains for Forklifts - The life of the forklift lift chains could actually be prolonged with correct maintenance and care. Lubricating correctly is a great technique to extend the capability of this particular lift truck part. It is really essential to apply oil occasionally utilizing a brush or other lube application device. The volume and frequency of oil application should be enough to be able to avoid whatever 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 condition has occurred, it is very essential to lubricate the lift chains at once.

Through lift chain operation it is typical for some metal to metal contact to take place that could result in some parts to wear out in due course. As soon as there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to stop the scary likelihood of a disastrous lift chain failure from taking place, the manufacturer highly recommends that the lift chain be replaced before it reaches three percent elongation. The lift chain gets longer because of progressive joint wear which elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

So as to ensure good lift chain maintenance, another 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. Usually, 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 good lubrication, in this situation, the pins could rotate in the chain's link. If this particular situation happens, the lift chains need to be replaced immediately. It is imperative to always replace the lift chains in pairs so as to ensure even wear.