

Forklift Chain

Chains for Forklift - The life of the forklift lift chains can be prolonged with proper maintenance and care. Lubricating properly is an excellent way so as to prolong the capability of this particular forklift component. It is vital to apply oil occasionally making use of a brush or whichever lube application device. The frequency and volume of oil application has to be adequate so as to stop whatever rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this particular situation has occurred, it is really important to lubricate the lift chains as soon as possible.

It is common for a few metal to metal contact to take place throughout lift chain operation. This can lead to parts to wear out in time. The industry standard considers a lift chain to be worn out when three percent elongation has happened. In order to stop the scary likelihood of a catastrophic lift chain failure from occurring, the maker very much suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain gets longer due to progressive joint wear which elongates the chain pitch. This elongation is capable of being measured by placing a certain number of pitches under tension.

To be able to ensure proper lift chain maintenance, another factor to consider 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. Normally, rotation of the clevis pins is frequently caused by shock loading. Shock loading takes place if 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 proper lubrication, in this case, the pins can rotate in the chain's link. If this situation takes place, the lift chains need to be replaced instantly. It is imperative to always replace the lift chains in pairs in order to ensure even wear.