

Chains for Forklifts

Chain for Forklifts - The life of the forklift lift chains could actually be extended with good maintenance and care. Lubricating correctly is a great way in order to prolong the capability of this particular forklift part. It is really vital to apply oil occasionally with a brush or whatever lube application tool. The frequency and volume of oil application needs to be enough so as to avoid whatever rust discoloration of oil within the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this particular condition has happened, it is extremely important to lubricate the lift chains at once.

It is normal for several metal to metal contact to occur all through lift chain operation. This can lead to components to wear out eventually. The industry standard considers a lift chain to be worn out when 3 percent elongation has happened. In order to stop the scary possibility of a catastrophic lift chain failure from taking place, the maker very much recommends 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 can be measured by placing a certain number of pitches under tension.

In order 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 put together so that the clevis pins have their tapered faces lined up with each other. Generally, rotation of the clevis pins is commonly 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 experience a shock as it 'snaps' under the load tension. With no correct lubrication, in this particular situation, the pins could rotate in the chain's link. If this scenario takes place, the lift chains need to be replaced at once. It is very important to always replace the lift chains in pairs to ensure even wear.