

Chain for Forklifts

Chains for Forklift - The life of lift chains on lift trucks can actually be lengthened significantly with good maintenance and care. Like for instance, correct lubrication is actually the most efficient technique in order to prolong the service capability of this particular part. It is really vital to apply oil periodically making use of a brush or other lube application device. The frequency and volume of oil application has to be sufficient in order to prevent any rust discoloration of oil in the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this particular condition has occurred, it is really essential to lubricate the lift chains as soon as possible.

Throughout lift chain operation it is typical for some metal to metal contact to happen that can lead to a few components to wear out in the long run. When there is 3% elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to avoid the scary possibility of a catastrophic lift chain failure from taking place, the maker greatly recommends that the lift chain be replaced before it reaches 3 percent elongation. The lift chain lengthens because of progressive joint wear which elongates the chain pitch. This elongation is capable of being measured by placing a certain number of pitches under tension.

One more factor to ensuring correct lift chain maintenance is to check the clevis pins on the lift chain for signs of wear and tear. The lift chains have been assembled so that the tapered faces of the clevis pin are lined up. 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 go through a shock as it 'snaps' under the load tension. Without the correct lubrication, in this particular situation, the pins could rotate in the chain's link. If this scenario happens, the lift chains must be replaced right away. It is very important to always replace the lift chains in pairs to ensure even wear.