Forklift Chain

Forklift Chain - The life of lift chains on lift trucks can be lengthened significantly with good maintenance and care. For example, right lubrication is the most effectual method so as to extend the service capability of this part. It is important to apply oil occasionally utilizing a brush or whatever lube application device. The volume and frequency of oil application has to be adequate in order to prevent any rust discoloration of oil within the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this situation has happened, it is very important to lubricate the lift chains right away.

Through lift chain operation it is typical for some metal to metal contact to happen that could lead to several parts to wear out in due course. When there is three percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. So as to avoid the scary likelihood of a disastrous lift chain failure from happening, 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 that elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

One more factor to ensuring good 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. Usually, rotation of the clevis pins is commonly caused by shock loading. Shock loading happens when the chain is loose and then all of a sudden 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 case, the pins can rotate in the chain's link. If this situation happens, the lift chains need to be replaced at once. It is imperative to always replace the lift chains in pairs in order to ensure even wear.