Chain for Forklift

Chain for Forklift - The life of lift chains on lift trucks can be prolonged greatly with proper care and maintenance. For example, right lubrication is actually the most effectual technique so as to lengthen the service capability of this component. It is essential to apply oil periodically using a brush or other lube application tool. The volume and frequency of oil application must 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 correctly lubricated. If this situation has occurred, it is extremely imperative to lubricate the lift chains at once.

It is common for several metal to metal contact to take place throughout lift chain operation. This can cause components to wear out in the long run. The industry standard considers a lift chain to be worn out if three percent elongation has happened. In order to stop the scary likelihood of a catastrophic lift chain failure from taking place, the maker highly suggests 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 can be measured by placing a certain number of pitches under tension.

To ensure correct lift chain maintenance, one more 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 happens if 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. With no proper lubrication, in this situation, the pins can rotate in the chain's link. If this scenario occurs, the lift chains need to be replaced at once. It is imperative to always replace the lift chains in pairs to ensure even wear.