

Chains for Forklifts

Forklift Chain - The life of lift chains on forklifts could be extended completely with proper maintenance and care. For example, correct lubrication is actually the most efficient way in order to lengthen the service capability of this part. It is really vital to apply oil periodically using a brush or whichever lube application device. The volume and frequency of oil application should be adequate to be able to prevent whatever rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this particular situation has happened, it is very imperative to lubricate the lift chains right away.

It is normal for a few metal to metal contact to take place through lift chain operation. This could cause components to wear out sooner or later. The industry standard considers a lift chain to be worn out if 3% elongation has occurred. So as to prevent the scary likelihood of a catastrophic lift chain failure from occurring, the maker greatly suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain lengthens due to progressive joint wear that 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 proper lift chain maintenance is to check the clevis pins on the lift chain for indications of wear and tear. The lift chains have been put together so that the tapered faces of the clevis pin are lined up. Usually, rotation of the clevis pins is frequently caused by shock loading. Shock loading takes place 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 particular scenario occurs, the lift chains must be replaced right away. It is essential to always replace the lift chains in pairs to ensure even wear.