

Chain for Forklift

Chains for Forklifts - The life of lift chains on forklifts could be prolonged significantly with good care and maintenance. For example, correct lubrication is actually the most efficient method so as to lengthen the service capability of this component. It is really important to apply oil every so often making use of a brush or other lube application tool. The frequency and volume of oil application must be sufficient in order to avoid any rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been correctly lubricated. If this particular condition has occurred, it is very imperative to lubricate the lift chains at once.

Throughout lift chain operation it is typical for some metal to metal contact to happen which can lead to several parts to wear out eventually. When there is three percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to prevent the scary chance of a catastrophic lift chain failure from occurring, 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 is capable of being measured by placing a certain number of pitches under tension.

In order to ensure proper 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. Normally, rotation of the clevis pins is often caused by shock loading. Shock loading takes place when the chain is loose and then all of a sudden a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. Without the correct lubrication, in this particular situation, the pins can rotate in the chain's link. If this scenario occurs, the lift chains should be replaced immediately. It is vital to always replace the lift chains in pairs so as to ensure even wear.