

Forklift Chains

Chain for Forklifts - The life of lift chains on forklifts can be prolonged significantly with proper care and maintenance. Like for instance, correct lubrication is actually the most effective method to be able to lengthen the service capability of this particular component. It is really essential to apply oil occasionally using a brush or other lube application tool. The volume and frequency of oil application must be adequate so as to prevent whatever rust discoloration of oil within the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this particular condition has happened, it is extremely essential to lubricate the lift chains at once.

All through lift chain operation it is common for some metal to metal contact to occur that could result in some components to wear out in the long run. Once there is 3% elongation on the lift chain, it is considered by industry standards to have worn out the chain. So as to stop the scary likelihood of a catastrophic lift chain failure from occurring, the manufacturer very much suggests that the lift chain be replaced before it reaches 3% 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.

To ensure proper lift chain maintenance, another factor to think about 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. Usually, rotation of the clevis pins is often 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 experience a shock as it 'snaps' under the load tension. Without the proper lubrication, in this situation, the pins could rotate in the chain's link. If this particular scenario takes place, the lift chains must be replaced instantly. It is very important to always replace the lift chains in pairs in order to ensure even wear.