

Forklift Chain

Chains for Forklift - The life of lift chains on forklifts could be prolonged significantly with proper care and maintenance. For instance, right lubrication is actually the most effective method to be able to lengthen the service capability of this particular part. It is really vital to apply oil occasionally using a brush or other lube application device. The volume and frequency of oil application should be sufficient so as to stop whatever rust discoloration of oil in the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this condition has happened, it is extremely essential to lubricate the lift chains right away.

It is typical for some metal to metal contact to happen through lift chain operation. This could lead to parts to wear out in time. The industry standard considers a lift chain to be worn out if 3 percent elongation has happened. To be able to prevent the scary chance of a catastrophic lift chain failure from occurring, the manufacturer greatly recommends 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 can be measured by placing a certain number of pitches under tension.

In order to ensure proper lift chain maintenance, one more factor to think about is to check the clevis pins on the lift chain for indications 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 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. With no proper lubrication, in this situation, the pins can rotate in the chain's link. If this situation occurs, the lift chains have to be replaced at once. It is essential to always replace the lift chains in pairs so as to ensure even wear.