

Chain for Forklift

Chains for Forklift - The life of lift chains on forklifts can be lengthened significantly with correct maintenance and care. Like for example, correct lubrication is the most effectual method to extend the service capability of this part. It is essential to apply oil occasionally making use of a brush or other lube application tool. The volume and frequency of oil application has to be adequate in order to stop whatever rust discoloration of oil in the joints. This reddish brown discoloration usually signals that the lift chains have not been properly lubricated. If this particular situation has occurred, it is really essential to lubricate the lift chains right away.

It is normal for some metal to metal contact to take place all through lift chain operation. This could lead to components to wear out eventually. The industry standard considers a lift chain to be worn out when 3 percent elongation has happened. To be able to stop the scary possibility of a disastrous lift chain failure from occurring, the maker greatly recommends that the lift chain be replaced before it reaches three 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.

To be able to ensure correct 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. Usually, rotation of the clevis pins is commonly caused by shock loading. Shock loading happens if the chain is loose and then suddenly a load is applied. This causes the chain to go through a shock as it 'snaps' under the load tension. With no correct lubrication, in this situation, the pins could rotate in the chain's link. If this particular situation occurs, the lift chains should be replaced at once. It is very important to always replace the lift chains in pairs to ensure even wear.