

Chain for Forklift

Chain for Forklifts - The life of the lift truck lift chains can be lengthened with correct care and maintenance. Lubricating correctly is actually a great method to be able to extend the capability of this lift truck part. It is really vital to apply oil every so often utilizing a brush or whichever lube application device. The frequency and volume of oil application must be enough so as to stop whichever rust discoloration of oil in the joints. This reddish brown discoloration normally 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 as soon as possible.

Throughout lift chain operation it is normal for some metal to metal contact to occur which can cause several parts to wear out in the long run. When there is 3% elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to stop the scary likelihood of a catastrophic lift chain failure from taking place, the maker highly recommends that the lift chain be replaced before it reaches 3% elongation. The lift chain lengthens because of progressive joint wear which elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

Another factor to ensuring correct lift chain maintenance is to check the clevis pins on the lift chain for signs of wear and tear. The lift chains have been assembled so that the tapered faces of the clevis pin are lined up. Generally, rotation of the clevis pins is commonly 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 go through a shock as it 'snaps' under the load tension. Without the good lubrication, in this particular situation, the pins can rotate in the chain's link. If this situation happens, the lift chains need to be replaced instantly. It is very important to always replace the lift chains in pairs so as to ensure even wear.