

Chain for Forklifts

Chain for Forklifts - The life of lift chains on lift trucks could actually be lengthened completely with good maintenance and care. For example, right lubrication is actually the most effectual way to prolong the service capability of this particular component. It is really important to apply oil every so often making use of a brush or whatever lube application device. The frequency and volume of oil application must be sufficient in order to prevent any 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 very imperative to lubricate the lift chains right away.

All through lift chain operation it is common for some metal to metal contact to occur which can lead to a few parts to wear out eventually. When there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. So as to stop the scary chance of a catastrophic lift chain failure from occurring, the maker greatly suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain gets longer because of progressive joint wear which elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

To be able to ensure proper lift chain maintenance, one more factor to consider 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. Generally, rotation of the clevis pins is frequently caused by shock loading. Shock loading occurs when 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. Without the proper lubrication, in this particular case, the pins could rotate in the chain's link. If this particular situation takes place, the lift chains have to be replaced instantly. It is imperative to always replace the lift chains in pairs to ensure even wear.