

Chain for Forklift

Forklift Chain - The life of lift chains on lift trucks can be lengthened greatly with good maintenance and care. Like for example, correct lubrication is the most effectual way so as to extend the service capability of this particular component. It is really vital to apply oil periodically with a brush or whatever lube application tool. The frequency and volume of oil application needs to be adequate to be able to avoid whichever rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this particular condition has occurred, it is extremely imperative to lubricate the lift chains as soon as possible.

It is normal for a few metal to metal contact to occur during lift chain operation. This can result in parts to wear out eventually. The industry standard considers a lift chain to be worn out when 3 percent elongation has occurred. To be able to stop the scary likelihood of a disastrous lift chain failure from taking place, the maker very much recommends that the lift chain be replaced before it reaches three percent elongation. The lift chain lengthens due to progressive joint wear which elongates the chain pitch. This elongation can be measured by placing a certain number of pitches under tension.

One more factor to ensuring good 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 often caused by shock loading. Shock loading takes place 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. Without the proper lubrication, in this particular case, the pins can rotate in the chain's link. If this particular scenario happens, the lift chains have to be replaced at once. It is imperative to always replace the lift chains in pairs to ensure even wear.