

Forklift Chain

Forklift Chain - The life of lift chains on forklifts can actually be lengthened greatly with good maintenance and care. Like for example, correct lubrication is the most effectual technique to be able to prolong the service capability of this particular part. It is really important to apply oil every so often with a brush or whichever lube application tool. The frequency and volume of oil application should be adequate so as to avoid whatever rust discoloration of oil within the joints. This reddish brown discoloration generally signals that the lift chains have not been correctly lubricated. If this particular situation has happened, it is really essential to lubricate the lift chains as soon as possible.

It is normal for some metal to metal contact to occur through lift chain operation. This can result in components to wear out in time. The industry standard considers a lift chain to be worn out when 3 percent elongation has happened. To be able to stop the scary likelihood of a disastrous lift chain failure from happening, the maker greatly suggests 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 can 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 indications 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 occurs when the chain is loose and then all of a sudden a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. Without the proper lubrication, in this situation, the pins could rotate in the chain's link. If this particular scenario takes place, the lift chains should be replaced at once. It is essential to always replace the lift chains in pairs in order to ensure even wear.