

Chain for Forklift

Forklift Chain - The life of lift chains on forklifts could be lengthened completely with proper care and maintenance. For example, correct lubrication is actually the most effectual method to prolong the service capability of this particular part. It is really vital to apply oil occasionally with a brush or other lube application device. The frequency and volume of oil application has to be sufficient in order to avoid whichever rust discoloration of oil within 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 very imperative to lubricate the lift chains right away.

Through lift chain operation it is typical for some metal to metal contact to take place that could lead to a few components to wear out in the end. When there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. To be able to stop the scary possibility of a catastrophic lift chain failure from happening, the manufacturer very much suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain lengthens because of progressive joint wear that 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 frequently caused by shock loading. Shock loading takes place 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. With no proper lubrication, in this case, the pins can rotate in the chain's link. If this situation takes place, the lift chains need to be replaced at once. It is essential to always replace the lift chains in pairs in order to ensure even wear.