

Chain for Forklifts

Forklift Chain - The life of lift chains on lift trucks could be extended completely with good maintenance and care. Like for example, right lubrication is actually the most effectual method in order to extend the service capability of this particular part. It is essential to apply oil periodically making use of a brush or whatever lube application device. The frequency and volume of oil application has to be enough in order to prevent 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 imperative to lubricate the lift chains at once.

Throughout lift chain operation it is typical for some metal to metal contact to occur that could result in several parts to wear out in the long run. Once 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 chance of a disastrous lift chain failure from taking place, the maker highly suggests that the lift chain be replaced before it reaches 3 percent 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.

One more 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 happens if 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 can rotate in the chain's link. If this scenario happens, the lift chains should be replaced at once. It is imperative to always replace the lift chains in pairs to ensure even wear.