

## Chain for Forklift

Forklift Chain - The life of lift chains on forklifts can be lengthened completely with proper maintenance and care. Like for instance, correct lubrication is actually the most effectual method in order to prolong the service capability of this part. It is really vital to apply oil every so often with a brush or other lube application tool. The volume and frequency of oil application needs to be sufficient to be able to avoid 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 occurred, it is really essential to lubricate the lift chains at once.

During lift chain operation it is common for some metal to metal contact to take place that could lead to several components to wear out sooner or later. 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 prevent the scary possibility of a disastrous lift chain failure from happening, the manufacturer greatly suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer due to progressive joint wear that elongates the chain pitch. This elongation is capable of being measured by placing a certain number of pitches under tension.

So as to ensure correct lift chain maintenance, another 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. Usually, rotation of the clevis pins is often caused by shock loading. Shock loading happens 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 correct lubrication, in this case, the pins can rotate in the chain's link. If this scenario takes place, the lift chains need to be replaced at once. It is essential to always replace the lift chains in pairs to ensure even wear.