

## Forklift Chain

Forklift Chain - The life of the forklift lift chains could be lengthened with correct maintenance and care. Lubricating correctly is actually an excellent technique in order to lengthen the capability of this lift truck part. It is really important to apply oil occasionally with a brush or whatever lube application tool. The frequency and volume of oil application needs to be sufficient to be able to stop any 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 occurred, it is very essential to lubricate the lift chains at once.

Through lift chain operation it is typical for some metal to metal contact to happen which could lead to several components to wear out in the end. When there is 3% elongation on the lift chain, it is considered by industry standards to have worn out the chain. To be able to avoid the scary likelihood of a disastrous lift chain failure from taking place, the maker highly recommends that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer 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 proper lift chain maintenance is to check the clevis pins on the lift chain for indications of wear and tear. The lift chains have been put together so that the tapered faces of the clevis pin are lined up. Usually, rotation of the clevis pins is commonly caused by shock loading. Shock loading happens 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 correct lubrication, in this particular case, the pins could rotate in the chain's link. If this particular situation takes place, the lift chains must be replaced at once. It is very important to always replace the lift chains in pairs to ensure even wear.