

## Forklift Chain

Forklift Chain - The life of the lift truck lift chains can be extended with proper care and maintenance. Lubricating correctly is actually a great technique to be able to lengthen the capability of this forklift part. It is really essential to apply oil every so often utilizing a brush or other lube application device. The frequency and volume of oil application needs to be sufficient so as to stop whatever rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been properly lubricated. If this particular situation has happened, it is very essential to lubricate the lift chains immediately.

Throughout lift chain operation it is common for some metal to metal contact to happen that could lead to several components to wear out in due course. As soon as there is three 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 chance of a disastrous lift chain failure from taking place, the manufacturer very much recommends that the lift chain be replaced before it reaches 3% elongation. The lift chain lengthens due to progressive joint wear which elongates the chain pitch. This elongation is capable of being 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. Generally, rotation of the clevis pins is often caused by shock loading. Shock loading takes place 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. With no correct lubrication, in this particular situation, the pins can rotate in the chain's link. If this scenario happens, the lift chains need to be replaced right away. It is imperative to always replace the lift chains in pairs to ensure even wear.