

## Chain for Forklift

Chain for Forklifts - The life of the lift truck lift chains can be prolonged with good care and maintenance. Lubricating properly is actually an excellent technique to prolong the capability of this lift truck component. It is really essential to apply oil every so often using a brush or other lube application device. The frequency and volume of oil application needs to be adequate to be able to stop any rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this condition has occurred, it is extremely imperative to lubricate the lift chains as soon as possible.

All through lift chain operation it is common for some metal to metal contact to happen that could lead to several parts to wear out in due course. Once there is 3 percent 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 occurring, the manufacturer very much suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain gets longer because of progressive joint wear which elongates the chain pitch. This elongation is capable of being 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 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 occurs 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 good lubrication, in this particular situation, the pins can rotate in the chain's link. If this particular scenario takes place, the lift chains have to be replaced immediately. It is essential to always replace the lift chains in pairs to ensure even wear.