

## Chains for Forklift

Chains for Forklift - The life of lift chains on lift trucks can be extended completely with correct care and maintenance. Like for example, correct lubrication is the most efficient method to be able to lengthen the service capability of this part. It is vital to apply oil occasionally utilizing a brush or other lube application device. The frequency and volume of oil application must be sufficient to be able to prevent whichever rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been correctly lubricated. If this condition has occurred, it is extremely imperative to lubricate the lift chains at once.

During lift chain operation it is typical for some metal to metal contact to take place that can result in some parts to wear out sooner or later. When there is three 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 catastrophic lift chain failure from taking place, the manufacturer highly suggests that the lift chain be replaced before it reaches 3 percent 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.

One more 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 takes place 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 proper lubrication, in this situation, the pins can rotate in the chain's link. If this situation takes place, the lift chains must be replaced instantly. It is essential to always replace the lift chains in pairs in order to ensure even wear.