

## Chain for Forklifts

Forklift Chain - The life of lift chains on lift trucks can actually be lengthened completely with correct care and maintenance. Like for instance, correct lubrication is the most efficient way to extend the service capability of this particular component. It is really vital to apply oil occasionally utilizing a brush or whichever lube application device. The volume and frequency of oil application has to be sufficient so as to avoid whatever rust discoloration of oil within 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 essential to lubricate the lift chains immediately.

It is common for a few metal to metal contact to occur through lift chain operation. This could result in parts to wear out eventually. The industry standard considers a lift chain to be worn out if 3 percent elongation has occurred. To be able to avoid the scary possibility of a catastrophic lift chain failure from happening, the manufacturer highly suggests that the lift chain be replaced before it reaches three percent elongation. The lift chain lengthens 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.

To ensure correct lift chain maintenance, another factor to think about is to check the clevis pins on the lift chain for indications of wearing. Lift chains are assembled so that the clevis pins have their tapered faces lined up with each other. Normally, rotation of the clevis pins is frequently 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 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 situation takes place, the lift chains must be replaced at once. It is vital to always replace the lift chains in pairs to ensure even wear.