

## Forklift Chain

Chain for Forklifts - The life of the lift truck lift chains can be extended with proper maintenance and care. Lubricating properly is actually a great technique so as to extend the capability of this particular lift truck component. It is really important to apply oil periodically using a brush or other lube application tool. The frequency and volume of oil application should be sufficient to be able to stop whichever 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 condition has happened, it is really important to lubricate the lift chains right away.

It is normal for some metal to metal contact to occur all through lift chain operation. This can cause parts to wear out sooner or later. The industry standard considers a lift chain to be worn out when 3% elongation has occurred. In order to avoid the scary chance of a disastrous lift chain failure from occurring, the maker highly suggests that the lift chain be replaced before it reaches three percent elongation. The lift chain lengthens because of 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 proper lift chain maintenance, another factor to think about is to check the clevis pins on the lift chain for signs of wearing. Lift chains are put together so that the clevis pins have their tapered faces lined up with each other. Generally, rotation of the clevis pins is frequently 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. With no good lubrication, in this particular situation, the pins could rotate in the chain's link. If this particular situation happens, the lift chains need to be replaced right away. It is very important to always replace the lift chains in pairs to be able to ensure even wear.