

## Chains for Forklift

Forklift Chain - The life of lift chains on lift trucks could be lengthened completely with correct care and maintenance. For example, right lubrication is the most effective method so as to extend the service capability of this part. It is really vital to apply oil every so often making use of a brush or whichever lube application tool. The volume and frequency of oil application must be sufficient so as to prevent whichever 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 important to lubricate the lift chains immediately.

Through lift chain operation it is normal for some metal to metal contact to happen which could cause some components to wear out in the end. 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 prevent the scary possibility of a catastrophic lift chain failure from occurring, the maker very much recommends that the lift chain be replaced before it reaches three percent elongation. The lift chain lengthens due to progressive joint wear which elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

Another factor to ensuring proper lift chain maintenance is to check the clevis pins on the lift chain for signs of wear and tear. The lift chains have been assembled so that the tapered faces of the clevis pin are lined up. Generally, rotation of the clevis pins is frequently caused by shock loading. Shock loading takes place if 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 situation, the pins could rotate in the chain's link. If this particular situation happens, the lift chains must be replaced right away. It is vital to always replace the lift chains in pairs to ensure even wear.