

## Chain for Forklift

Forklift Chain - The life of the lift truck lift chains could be lengthened with correct maintenance and care. Lubricating properly is a great method to be able to lengthen the capability of this forklift part. It is really essential to apply oil occasionally utilizing a brush or other lube application device. The volume and frequency of oil application should be adequate in order to avoid any rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been correctly lubricated. If this situation has happened, it is extremely important to lubricate the lift chains right away.

Throughout lift chain operation it is normal for some metal to metal contact to take place which can lead to a few parts to wear out sooner or later. Once there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. To be able to stop the scary chance of a disastrous lift chain failure from happening, the maker greatly suggests 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 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 signs of wear and tear. The lift chains have been put together so that the tapered faces of the clevis pin are lined up. Normally, rotation of the clevis pins is frequently caused by shock loading. Shock loading happens if the chain is loose and then all of a sudden 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 particular case, the pins could rotate in the chain's link. If this situation happens, the lift chains must be replaced instantly. It is vital to always replace the lift chains in pairs to ensure even wear.