

## Forklift Chain

Forklift Chain - The life of the lift truck lift chains can be lengthened with correct care and maintenance. Lubricating correctly is a great technique so as to extend the capability of this particular lift truck part. It is vital to apply oil every so often making use of a brush or whatever lube application device. The frequency and volume of oil application needs to be sufficient so as to avoid whichever rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been correctly lubricated. If this particular situation has happened, it is extremely imperative to lubricate the lift chains right away.

All through lift chain operation it is normal for some metal to metal contact to occur that could result in several components to wear out in the long run. When there is 3% elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to stop the scary likelihood of a disastrous lift chain failure from taking place, the maker greatly recommends 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 could be measured by placing a certain number of pitches under tension.

One more factor to ensuring good 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. Generally, rotation of the clevis pins is commonly 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. Without the correct lubrication, in this particular case, the pins could rotate in the chain's link. If this particular situation happens, the lift chains have to be replaced instantly. It is essential to always replace the lift chains in pairs so as to ensure even wear.