

## Chain for Forklift

Chains for Forklift - The life of the forklift lift chains could be extended with correct maintenance and care. Lubricating correctly is a great way to be able to extend the capability of this lift truck part. It is really vital to apply oil periodically making use of a brush or whichever lube application device. The frequency and volume of oil application must be sufficient to be able to stop whatever rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been correctly lubricated. If this situation has occurred, it is very important 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 lead to a few components to wear out in the long run. As soon as 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 chance of a disastrous lift chain failure from taking place, the manufacturer highly recommends that the lift chain be replaced before it reaches three percent elongation. The lift chain lengthens because of progressive joint wear which elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

One more 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 put together so that the tapered faces of the clevis pin are lined up. Normally, rotation of the clevis pins is commonly 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 go through a shock as it 'snaps' under the load tension. Without the correct lubrication, in this particular situation, the pins could rotate in the chain's link. If this scenario occurs, the lift chains have to be replaced right away. It is imperative to always replace the lift chains in pairs to be able to ensure even wear.