

## Chain for Forklift

Forklift Chain - The life of the lift truck lift chains could actually be extended with correct care and maintenance. Lubricating correctly is actually an excellent method so as to lengthen the capability of this forklift component. It is really vital to apply oil occasionally with a brush or other lube application device. The volume and frequency of oil application must be enough in order to prevent whichever rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this particular condition has occurred, it is extremely important to lubricate the lift chains immediately.

It is normal for a few metal to metal contact to occur during lift chain operation. This could result in components to wear out in time. The industry standard considers a lift chain to be worn out if 3 percent elongation has happened. To be able to avoid the scary likelihood of a catastrophic lift chain failure from happening, the manufacturer greatly suggests 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 is capable of being 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. Usually, rotation of the clevis pins is commonly caused by shock loading. Shock loading takes place when the chain is loose and then suddenly a load is applied. This causes the chain to go through a shock as it 'snaps' under the load tension. With no good lubrication, in this case, the pins can rotate in the chain's link. If this particular situation happens, the lift chains need to be replaced immediately. It is essential to always replace the lift chains in pairs to ensure even wear.