Chain for Forklift

Forklift Chain - The life of the lift truck lift chains could be lengthened with correct care and maintenance. Lubricating properly is an excellent method in order to prolong the capability of this particular forklift part. It is vital to apply oil periodically with a brush or whichever lube application device. The frequency and volume of oil application must be enough to be able to prevent 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 occurred, it is very imperative to lubricate the lift chains right away.

All through lift chain operation it is typical for some metal to metal contact to take place which can lead to several parts to wear out sooner or later. Once there is 3% elongation on the lift chain, it is considered by industry standards to have worn out the chain. To be able to prevent the scary likelihood of a catastrophic lift chain failure from occurring, the manufacturer greatly suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain lengthens because of progressive joint wear that elongates the chain pitch. This elongation can be measured by placing a certain number of pitches under tension.

One more 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 assembled so that the tapered faces of the clevis pin are lined up. Usually, rotation of the clevis pins is often 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 go through a shock as it 'snaps' under the load tension. Without the correct lubrication, in this particular case, the pins can rotate in the chain's link. If this particular situation happens, the lift chains should be replaced immediately. It is essential to always replace the lift chains in pairs to ensure even wear.