Forklift Chains

Chain for Forklift - The life of lift chains on forklifts could be prolonged completely with good care and maintenance. Like for example, right lubrication is the most effective method in order to prolong the service capability of this part. It is really essential to apply oil periodically making use of a brush or other lube application device. The frequency and volume of oil application should be enough in order to avoid whichever rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been properly lubricated. If this situation has occurred, it is extremely important to lubricate the lift chains immediately.

All through lift chain operation it is normal for some metal to metal contact to take place which can result in a few parts to wear out in due course. 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 prevent the scary possibility of a disastrous lift chain failure from happening, the maker highly suggests that the lift chain be replaced before it reaches three percent elongation. The lift chain gets longer 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 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. Usually, rotation of the clevis pins is often 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. With no good lubrication, in this case, the pins could rotate in the chain's link. If this situation occurs, the lift chains need to be replaced at once. It is very important to always replace the lift chains in pairs to be able to ensure even wear.