Chain for Forklift

Forklift Chain - The life of lift chains on forklifts could be lengthened greatly with correct care and maintenance. Like for example, right lubrication is the most efficient way so as to prolong the service capability of this particular component. It is important to apply oil occasionally with a brush or whatever lube application device. The frequency and volume of oil application needs to be adequate so as to avoid whatever rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been correctly lubricated. If this condition has happened, it is very essential to lubricate the lift chains immediately.

It is normal for several metal to metal contact to happen all through lift chain operation. This could result in components to wear out eventually. The industry standard considers a lift chain to be worn out if three percent elongation has occurred. To be able to stop the scary possibility of a disastrous lift chain failure from happening, the maker very much suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer because of progressive joint wear which elongates the chain pitch. This elongation can be measured by placing a certain number of pitches under tension.

Another 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. Normally, 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 experience a shock as it 'snaps' under the load tension. With no good lubrication, in this situation, the pins could rotate in the chain's link. If this scenario takes place, the lift chains need to be replaced instantly. It is essential to always replace the lift chains in pairs to ensure even wear.