Chains for Forklifts

Forklift Chains - The life of lift chains on forklifts can be prolonged significantly with good care and maintenance. Like for instance, right lubrication is actually the most effective method so as to extend the service capability of this component. It is important to apply oil every so often making use of a brush or whichever lube application tool. The volume and frequency of oil application has to be sufficient so as to prevent whichever rust discoloration of oil within the joints. This reddish brown discoloration generally signals that the lift chains have not been correctly lubricated. If this particular situation has happened, it is very essential to lubricate the lift chains immediately.

It is typical for some metal to metal contact to occur all through lift chain operation. This can cause components to wear out in the long run. The industry standard considers a lift chain to be worn out when 3% elongation has occurred. In order to prevent the scary likelihood of a disastrous lift chain failure from occurring, the manufacturer highly suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer due to progressive joint wear that 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 indications of wear and tear. The lift chains have been put together so that the tapered faces of the clevis pin are lined up. Generally, rotation of the clevis pins is frequently caused by shock loading. Shock loading takes place if 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. Without the good lubrication, in this case, the pins could rotate in the chain's link. If this particular situation happens, the lift chains must be replaced instantly. It is imperative to always replace the lift chains in pairs in order to ensure even wear.