Chain for Forklift

Forklift Chains - The life of lift chains on lift trucks could be lengthened completely with good care and maintenance. For example, right lubrication is the most efficient way in order to lengthen the service capability of this particular component. It is really essential to apply oil periodically with a brush or other lube application tool. The frequency and volume of oil application should be enough so as to avoid any rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been correctly lubricated. If this particular condition has occurred, it is really essential to lubricate the lift chains immediately.

It is typical for several metal to metal contact to occur all through lift chain operation. This could cause components to wear out in time. The industry standard considers a lift chain to be worn out when 3% elongation has occurred. So as to avoid the scary possibility of a catastrophic lift chain failure from occurring, the manufacturer greatly recommends that the lift chain be replaced before it reaches three percent elongation. The lift chain gets longer due to progressive joint wear that elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

In order to ensure good lift chain maintenance, one more factor to think about is to check the clevis pins on the lift chain for indications of wearing. Lift chains are put together so that the clevis pins have their tapered faces lined up with each other. Generally, rotation of the clevis pins is commonly caused by shock loading. Shock loading happens 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 proper lubrication, in this particular case, the pins can rotate in the chain's link. If this particular situation occurs, the lift chains should be replaced at once. It is imperative to always replace the lift chains in pairs in order to ensure even wear.