Forklift Chain

Chain for Forklifts - The life of lift chains on lift trucks can actually be extended greatly with proper care and maintenance. For example, right lubrication is actually the most efficient way so as to prolong the service capability of this particular component. It is important to apply oil occasionally using a brush or whichever lube application device. The volume and frequency of oil application must be adequate to be able to avoid whichever rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this particular condition has happened, it is really important to lubricate the lift chains as soon as possible.

It is common for a few metal to metal contact to happen through lift chain operation. This can lead to components to wear out in time. The industry standard considers a lift chain to be worn out if 3 percent elongation has happened. So as to stop the scary possibility of a catastrophic lift chain failure from taking place, the manufacturer very much recommends that the lift chain be replaced before it reaches 3 percent elongation. The lift chain gets longer due to progressive joint wear which elongates the chain pitch. This elongation can be measured by placing a certain number of pitches under tension.

One more factor to ensuring proper 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. Normally, rotation of the clevis pins is frequently caused by shock loading. Shock loading takes place when 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 particular case, the pins could rotate in the chain's link. If this situation occurs, the lift chains have to be replaced immediately. It is essential to always replace the lift chains in pairs so as to ensure even wear.