Forklift Chain

Chains for Forklifts - The life of lift chains on lift trucks can be prolonged significantly with proper care and maintenance. For example, right lubrication is actually the most efficient way in order to lengthen the service capability of this part. It is really important to apply oil occasionally with a brush or other lube application device. The frequency and volume of oil application needs to be adequate to be able to avoid whatever rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been properly lubricated. If this condition has occurred, it is very important to lubricate the lift chains as soon as possible.

It is common for several metal to metal contact to take place all through lift chain operation. This could lead to parts to wear out in time. The industry standard considers a lift chain to be worn out if 3 percent elongation has occurred. In order to avoid the scary possibility of a disastrous lift chain failure from occurring, the manufacturer very much recommends that the lift chain be replaced before it reaches three percent elongation. The lift chain lengthens due to progressive joint wear that elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

Another 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. Generally, rotation of the clevis pins is frequently caused by shock loading. Shock loading happens if the chain is loose and then suddenly a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. With no correct lubrication, in this situation, the pins could rotate in the chain's link. If this particular situation takes place, the lift chains have to be replaced at once. It is essential to always replace the lift chains in pairs to ensure even wear.