

Chain for Forklifts

Forklift Chain - The life of lift chains on forklifts could be prolonged significantly with correct care and maintenance. For instance, right lubrication is the most effective way so as to prolong the service capability of this part. It is vital to apply oil every so often using a brush or whichever lube application device. The volume and frequency of oil application has to be enough in order to prevent 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 particular situation has occurred, it is really imperative to lubricate the lift chains immediately.

It is common for some metal to metal contact to occur through lift chain operation. This can result in components to wear out in the long run. The industry standard considers a lift chain to be worn out if 3 percent elongation has occurred. So as to stop the scary chance of a disastrous lift chain failure from taking place, 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 is capable of being measured by placing a certain number of pitches under tension.

One more 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 commonly caused by shock loading. Shock loading happens if the chain is loose and then all of a sudden a load is applied. This causes the chain to go through a shock as it 'snaps' under the load tension. With no correct lubrication, in this case, the pins could rotate in the chain's link. If this particular situation happens, the lift chains have to be replaced right away. It is essential to always replace the lift chains in pairs to ensure even wear.