

Chain for Forklifts

Forklift Chain - The life of lift chains on lift trucks could be prolonged significantly with proper maintenance and care. Like for instance, right lubrication is the most effectual method in order to extend the service capability of this part. It is important to apply oil occasionally making use of a brush or other lube application tool. The frequency and volume of oil application should be sufficient in order to stop whichever rust discoloration of oil in 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 very imperative to lubricate the lift chains as soon as possible.

It is common for a few metal to metal contact to happen all through lift chain operation. This could result in components to wear out in the long run. The industry standard considers a lift chain to be worn out when 3 percent elongation has occurred. To be able to avoid the scary chance of a disastrous lift chain failure from taking place, the manufacturer greatly suggests that the lift chain be replaced before it reaches three percent elongation. The lift chain lengthens because of progressive joint wear which elongates the chain pitch. This elongation is capable of being 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 assembled so that the tapered faces of the clevis pin are lined up. Normally, rotation of the clevis pins is commonly 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 go through a shock as it 'snaps' under the load tension. Without the proper lubrication, in this situation, the pins can rotate in the chain's link. If this situation occurs, the lift chains should be replaced instantly. It is vital to always replace the lift chains in pairs to ensure even wear.