

Forklift Chains

Chain for Forklift - The life of the forklift lift chains could actually be lengthened with correct care and maintenance. Lubricating properly is actually an excellent method to be able to lengthen the capability of this particular lift truck part. It is vital to apply oil occasionally using a brush or whichever lube application device. The frequency and volume of oil application has to be sufficient in order to stop whichever 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 condition has occurred, it is extremely imperative to lubricate the lift chains at once.

It is common for a few metal to metal contact to occur during lift chain operation. This can result in components to wear out in the end. The industry standard considers a lift chain to be worn out when 3 percent elongation has happened. To be able to stop the scary chance of a disastrous lift chain failure from happening, the manufacturer very much suggests 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 assembled so that the tapered faces of the clevis pin are lined up. Normally, rotation of the clevis pins is often caused by shock loading. Shock loading takes place 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 good lubrication, in this case, the pins could rotate in the chain's link. If this particular situation takes place, the lift chains should be replaced immediately. It is vital to always replace the lift chains in pairs to ensure even wear.