

Chain for Forklifts

Chains for Forklifts - The life of the lift truck lift chains can be prolonged with proper care and maintenance. Lubricating properly is actually an excellent technique to extend the capability of this particular lift truck part. It is vital to apply oil every so often utilizing a brush or whichever lube application device. The volume and frequency of oil application must be sufficient in order to prevent whichever rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this situation has occurred, it is extremely essential to lubricate the lift chains at once.

Throughout lift chain operation it is typical for some metal to metal contact to take place that can lead to some parts to wear out eventually. When there is three percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. To be able to avoid the scary possibility of a disastrous lift chain failure from happening, the manufacturer highly recommends that the lift chain be replaced before it reaches 3 percent elongation. The lift chain lengthens due to progressive joint wear which elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

Another factor to ensuring good 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. Usually, rotation of the clevis pins is commonly caused by shock loading. Shock loading occurs 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 situation, the pins could rotate in the chain's link. If this particular scenario takes place, the lift chains must be replaced at once. It is vital to always replace the lift chains in pairs to ensure even wear.