

Chains for Forklift

Chains for Forklifts - The life of the forklift lift chains could actually be extended with good maintenance and care. Lubricating correctly is actually a great technique so as to lengthen the capability of this particular forklift component. It is vital to apply oil every so often using a brush or whatever lube application device. The frequency and volume of oil application needs to be enough to be able 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 condition has occurred, it is very essential to lubricate the lift chains as soon as possible.

It is normal for a few metal to metal contact to occur all through lift chain operation. This could lead to components to wear out sooner or later. The industry standard considers a lift chain to be worn out if 3 percent elongation has happened. To be able to avoid the scary likelihood of a disastrous lift chain failure from taking place, the manufacturer highly suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer because of progressive joint wear which elongates the chain pitch. This elongation can be measured by placing a certain number of pitches under tension.

Another factor to ensuring proper 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. Generally, rotation of the clevis pins is frequently 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 proper lubrication, in this case, the pins could rotate in the chain's link. If this situation happens, the lift chains must be replaced immediately. It is essential to always replace the lift chains in pairs in order to ensure even wear.