

Chain for Forklifts

Chain for Forklifts - The life of the forklift lift chains could actually be prolonged with proper maintenance and care. Lubricating properly is an excellent method to prolong the capability of this forklift component. It is really vital to apply oil every so often utilizing a brush or other lube application tool. The volume and frequency of oil application has to be adequate to be able to stop whatever rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this particular condition has occurred, it is really important to lubricate the lift chains at once.

During lift chain operation it is typical for some metal to metal contact to take place which could lead to a few parts to wear out in the long run. As soon as there is 3 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 chance of a disastrous lift chain failure from occurring, the manufacturer highly 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 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 correct lubrication, in this particular case, the pins could rotate in the chain's link. If this scenario happens, the lift chains must be replaced right away. It is very important to always replace the lift chains in pairs to ensure even wear.