

Chain for Forklifts

Chain for Forklifts - The life of the forklift lift chains could be extended with good care and maintenance. Lubricating correctly is a great method to be able to extend the capability of this particular forklift component. It is really important to apply oil every so often utilizing a brush or whichever lube application tool. The frequency and volume of oil application should be sufficient in order to stop whatever rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been correctly lubricated. If this particular situation has occurred, it is very essential to lubricate the lift chains at once.

It is typical for some metal to metal contact to happen all through lift chain operation. This could lead to components to wear out in the end. The industry standard considers a lift chain to be worn out if 3% elongation has occurred. In order to stop the scary possibility 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 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.

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 put together so that the tapered faces of the clevis pin are lined up. Normally, rotation of the clevis pins is frequently 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 particular case, the pins could rotate in the chain's link. If this scenario happens, the lift chains need to be replaced at once. It is very important to always replace the lift chains in pairs to ensure even wear.