

Forklift Chain

Chains for Forklift - The life of lift chains on forklifts could be lengthened greatly with correct care and maintenance. For instance, right lubrication is actually the most effectual technique so as to prolong the service capability of this particular component. It is vital to apply oil every so often with a brush or other lube application tool. The frequency and volume of oil application should be sufficient to be able to avoid whatever rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been correctly lubricated. If this particular situation has occurred, it is very imperative to lubricate the lift chains at once.

All through lift chain operation it is normal for some metal to metal contact to happen which could lead to some parts to wear out in due course. Once 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 stop the scary likelihood of a disastrous lift chain failure from happening, the manufacturer greatly recommends that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer due to progressive joint wear that elongates the chain pitch. This elongation can 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 put together 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 takes place when 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 correct lubrication, in this particular situation, the pins could rotate in the chain's link. If this situation happens, the lift chains should be replaced instantly. It is very important to always replace the lift chains in pairs to ensure even wear.