

Chain for Forklift

Forklift Chain - The life of lift chains on forklifts can actually be extended completely with correct maintenance and care. Like for instance, right lubrication is the most effectual technique so as to prolong the service capability of this particular component. It is important to apply oil occasionally making use of a brush or whatever lube application device. The volume and frequency of oil application has to be adequate in order to stop whatever rust discoloration of oil in the joints. This reddish brown discoloration usually signals that the lift chains have not been properly lubricated. If this particular condition has occurred, it is very imperative to lubricate the lift chains immediately.

Throughout lift chain operation it is common for some metal to metal contact to occur that can cause some parts to wear out eventually. Once there is 3% elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to stop the scary chance of a catastrophic lift chain failure from happening, the manufacturer very much suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain gets longer because of progressive joint wear that elongates the chain pitch. This elongation is capable of being 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 indications 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 happens when the chain is loose and then suddenly a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. Without the correct lubrication, in this particular case, the pins could rotate in the chain's link. If this situation happens, the lift chains must be replaced right away. It is essential to always replace the lift chains in pairs to ensure even wear.