

Forklift Chains

Chains for Forklift - The life of lift chains on forklifts can be lengthened greatly with proper maintenance and care. Like for instance, correct lubrication is the most effective way to lengthen the service capability of this part. It is really vital to apply oil occasionally making use of a brush or whichever lube application device. The volume and frequency of oil application should be sufficient in order to stop 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 particular situation has occurred, it is extremely important to lubricate the lift chains at once.

It is normal for some metal to metal contact to take place throughout lift chain operation. This can cause parts to wear out eventually. The industry standard considers a lift chain to be worn out when 3 percent elongation has happened. In order to stop the scary chance of a catastrophic lift chain failure from occurring, the manufacturer very much suggests that the lift chain be replaced before it reaches three percent elongation. The lift chain gets longer due to 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 proper lift chain maintenance is to check the clevis pins on the lift chain for indications 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 often caused by shock loading. Shock loading occurs if 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 case, the pins could rotate in the chain's link. If this particular situation happens, the lift chains have to be replaced right away. It is imperative to always replace the lift chains in pairs to ensure even wear.