

Chains for Forklift

Forklift Chain - The life of lift chains on forklifts can actually be extended completely with proper care and maintenance. Like for instance, right lubrication is actually the most efficient technique to be able to prolong the service capability of this part. It is really essential to apply oil periodically using a brush or whichever lube application tool. The volume and frequency of oil application needs to be sufficient so as to stop any rust discoloration of oil within the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this particular condition has happened, it is really imperative to lubricate the lift chains at once.

All through lift chain operation it is normal for some metal to metal contact to occur which can cause some components to wear out in the end. As soon as there is 3 percent 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 maker very much suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain gets longer due to progressive joint wear which elongates the chain pitch. This elongation is capable of being 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 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 experience a shock as it 'snaps' under the load tension. Without the good lubrication, in this particular situation, the pins can rotate in the chain's link. If this particular scenario occurs, the lift chains need to be replaced right away. It is imperative to always replace the lift chains in pairs to ensure even wear.