

Chains for Forklift

Chains for Forklifts - The life of lift chains on forklifts could be lengthened completely with correct care and maintenance. Like for instance, right lubrication is actually the most effective technique to be able to lengthen the service capability of this particular part. It is important to apply oil every so often with a brush or whatever lube application tool. The frequency and volume of oil application has to be enough so as to stop any rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been correctly lubricated. If this situation has occurred, it is very imperative to lubricate the lift chains at once.

All through lift chain operation it is common for some metal to metal contact to occur that could cause several components to wear out in due course. Once there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. So as to avoid the scary likelihood of a catastrophic lift chain failure from taking place, the manufacturer highly suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain lengthens 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.

To be able to ensure proper lift chain maintenance, one more factor to think about is to check the clevis pins on the lift chain for signs of wearing. Lift chains are assembled so that the clevis pins have their tapered faces lined up with each other. Generally, rotation of the clevis pins is commonly caused by shock loading. Shock loading happens when the chain is loose and then all of a sudden a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. Without the proper lubrication, in this situation, the pins can rotate in the chain's link. If this scenario happens, the lift chains must be replaced at once. It is vital to always replace the lift chains in pairs to be able to ensure even wear.