

Chain for Forklifts

Chains for Forklifts - The life of lift chains on lift trucks could actually be prolonged completely with proper maintenance and care. For example, correct lubrication is actually the most efficient method to be able to extend the service capability of this particular part. It is really vital to apply oil every so often making use of a brush or whichever lube application tool. The frequency and volume of oil application should be adequate so as to prevent whichever 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 extremely imperative to lubricate the lift chains right away.

During lift chain operation it is common for some metal to metal contact to occur which can cause a few parts to wear out sooner or later. Once there is three percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. So as to prevent the scary chance of a catastrophic lift chain failure from happening, the maker highly 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 correct 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. Usually, rotation of the clevis pins is commonly caused by shock loading. Shock loading takes place if the chain is loose and then all of a sudden a load is applied. This causes the chain to go through a shock as it 'snaps' under the load tension. Without the proper lubrication, in this case, the pins can rotate in the chain's link. If this situation occurs, the lift chains must be replaced at once. It is very important to always replace the lift chains in pairs to ensure even wear.