

Chains for Forklifts

Chains for Forklift - The life of lift chains on lift trucks can actually be prolonged greatly with good maintenance and care. Like for example, correct lubrication is the most efficient technique in order to lengthen the service capability of this particular part. It is really important 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 sufficient so as to prevent whichever rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been correctly lubricated. If this particular condition has happened, it is really imperative to lubricate the lift chains right away.

All through lift chain operation it is typical for some metal to metal contact to occur that could lead to a few parts to wear out eventually. 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 likelihood of a disastrous lift chain failure from taking place, the maker highly suggests that the lift chain be replaced before it reaches three 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.

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 put together so that the tapered faces of the clevis pin are lined up. Normally, rotation of the clevis pins is often caused by shock loading. Shock loading occurs when 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. With no good 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 in order to ensure even wear.