

Chain for Forklifts

Forklift Chains - The life of lift chains on lift trucks could actually be lengthened significantly with correct care and maintenance. For instance, right lubrication is actually the most efficient method in order to prolong the service capability of this particular part. It is really vital to apply oil every so often using a brush or other lube application tool. The volume and frequency of oil application needs to be enough in order to stop whatever rust discoloration of oil in the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this particular condition has happened, it is really essential to lubricate the lift chains immediately.

All through lift chain operation it is normal for some metal to metal contact to occur that could cause several components to wear out in the long run. When there is three percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. To be able to prevent the scary likelihood of a catastrophic lift chain failure from occurring, the maker very much suggests that the lift chain be replaced before it reaches three percent elongation. The lift chain lengthens 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 signs 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 frequently caused by shock loading. Shock loading takes place 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. Without the proper lubrication, in this particular case, the pins can rotate in the chain's link. If this scenario happens, the lift chains need to be replaced right away. It is imperative to always replace the lift chains in pairs to ensure even wear.