

Chain for Forklifts

Chain for Forklift - The life of the lift truck lift chains could be lengthened with proper care and maintenance. Lubricating properly is actually an excellent technique to prolong the capability of this particular lift truck component. It is really vital to apply oil every so often using a brush or whatever lube application tool. The volume and frequency of oil application needs to be sufficient in order to avoid whatever rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been correctly lubricated. If this situation has happened, it is really important to lubricate the lift chains immediately.

All through lift chain operation it is normal for some metal to metal contact to happen which can result in a few parts to wear out in the end. As soon as 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 avoid the scary possibility of a catastrophic lift chain failure from happening, the maker very much recommends that the lift chain be replaced before it reaches 3 percent elongation. The lift chain lengthens due to progressive joint wear that elongates the chain pitch. This elongation could be 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 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 correct lubrication, in this case, the pins could rotate in the chain's link. If this situation occurs, the lift chains need to be replaced right away. It is very important to always replace the lift chains in pairs to ensure even wear.