

Forklift Chain

Forklift Chain - The life of the lift truck lift chains could actually be extended with correct maintenance and care. Lubricating properly is actually a great method so as to lengthen the capability of this particular lift truck component. It is vital to apply oil occasionally using a brush or whichever lube application device. The volume and frequency of oil application needs to be enough so as to prevent whichever 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 occurred, it is very important to lubricate the lift chains right away.

All through lift chain operation it is typical for some metal to metal contact to occur that can lead to several parts to wear out in due course. As soon as there is 3% elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to avoid the scary likelihood of a catastrophic lift chain failure from happening, the maker greatly suggests that the lift chain be replaced before it reaches three percent elongation. The lift chain lengthens due to progressive joint wear which elongates the chain pitch. This elongation is capable of being measured by placing a certain number of pitches under tension.

One more factor to ensuring good lift chain maintenance is to check the clevis pins on the lift chain for indications of wear and tear. The lift chains have been assembled 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 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 good lubrication, in this particular situation, the pins can rotate in the chain's link. If this particular situation occurs, the lift chains must be replaced instantly. It is imperative to always replace the lift chains in pairs to be able to ensure even wear.