Chain for Forklift

Chains for Forklift - The life of the lift truck lift chains can actually be lengthened with good care and maintenance. Lubricating correctly is a great way in order to lengthen the capability of this particular forklift component. It is essential to apply oil periodically making use of a brush or whatever lube application device. The volume and frequency of oil application needs to be enough so as to prevent whatever rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this condition has happened, it is extremely important to lubricate the lift chains at once.

During lift chain operation it is typical for some metal to metal contact to happen that can lead to a few components to wear out in the end. When there is 3% elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to stop the scary possibility of a catastrophic lift chain failure from happening, the maker highly recommends that the lift chain be replaced before it reaches 3 percent elongation. The lift chain lengthens due to progressive joint wear which elongates the chain pitch. This elongation can be measured by placing a certain number of pitches under tension.

One more factor to ensuring proper 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 often caused by shock loading. Shock loading happens if 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 correct lubrication, in this particular case, the pins can rotate in the chain's link. If this particular situation happens, the lift chains should be replaced instantly. It is imperative to always replace the lift chains in pairs so as to ensure even wear.