

Chain for Forklifts

Chain for Forklifts - The life of the lift truck lift chains could actually be lengthened with correct care and maintenance. Lubricating correctly is a great way to be able to extend the capability of this particular forklift component. It is really essential to apply oil occasionally making use of a brush or whichever lube application tool. The volume and frequency of oil application needs to be adequate in order to avoid 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 condition has happened, it is extremely important to lubricate the lift chains as soon as possible.

Throughout lift chain operation it is normal for some metal to metal contact to take place that could result in a few parts to wear out in due course. As soon as there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. So as to stop the scary likelihood of a disastrous lift chain failure from occurring, the maker very much recommends that the lift chain be replaced before it reaches 3 percent elongation. The lift chain gets longer 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 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. Generally, rotation of the clevis pins is commonly 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. With no correct lubrication, in this particular case, the pins can rotate in the chain's link. If this situation happens, the lift chains have to be replaced instantly. It is very important to always replace the lift chains in pairs to ensure even wear.