

Chains for Forklift

Forklift Chain - The life of the lift truck lift chains can be prolonged with correct care and maintenance. Lubricating correctly is an excellent technique to be able to lengthen the capability of this forklift part. It is important to apply oil periodically using a brush or whichever lube application tool. The frequency and volume of oil application should be enough in order to stop whichever rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been correctly lubricated. If this particular condition has happened, it is very important to lubricate the lift chains immediately.

All through lift chain operation it is normal for some metal to metal contact to occur which can lead to several components 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. In order to prevent the scary likelihood of a catastrophic lift chain failure from occurring, the maker greatly suggests that the lift chain be replaced before it reaches three percent elongation. The lift chain gets longer due to progressive joint wear which elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

So as to ensure correct lift chain maintenance, one more factor to think about is to check the clevis pins on the lift chain for signs of wearing. Lift chains are put together so that the clevis pins have their tapered faces lined up with each other. Generally, rotation of the clevis pins is commonly caused by shock loading. Shock loading happens if the chain is loose and then suddenly a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. With no good lubrication, in this situation, the pins can rotate in the chain's link. If this particular situation happens, the lift chains should be replaced right away. It is essential to always replace the lift chains in pairs to ensure even wear.