

Chains for Forklift

Forklift Chain - The life of the forklift lift chains can actually be prolonged with proper maintenance and care. Lubricating correctly is actually a great method in order to lengthen the capability of this lift truck part. 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 has to be sufficient in order to avoid whichever rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been correctly lubricated. If this particular situation has occurred, it is really imperative to lubricate the lift chains at once.

It is normal for several metal to metal contact to occur all through lift chain operation. This can result in parts to wear out in time. The industry standard considers a lift chain to be worn out if 3 percent elongation has happened. In order to prevent the scary likelihood of a disastrous lift chain failure from happening, the maker greatly suggests that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer 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. Normally, rotation of the clevis pins is commonly caused by shock loading. Shock loading occurs when the chain is loose and then suddenly a load is applied. This causes the chain to go through a shock as it 'snaps' under the load tension. With no correct lubrication, in this particular case, the pins could rotate in the chain's link. If this particular scenario occurs, the lift chains should be replaced at once. It is imperative to always replace the lift chains in pairs to ensure even wear.