

Chain for Forklift

Forklift Chain - The life of the lift truck lift chains can actually be extended with proper care and maintenance. Lubricating properly is an excellent method to lengthen the capability of this particular lift truck part. It is really essential to apply oil occasionally with a brush or whichever lube application device. The frequency and volume of oil application has to be sufficient to be able to avoid whatever 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 essential to lubricate the lift chains immediately.

It is normal for several metal to metal contact to take place all through lift chain operation. This can result in components to wear out eventually. The industry standard considers a lift chain to be worn out if 3% elongation has occurred. To be able to prevent the scary chance 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 because of progressive joint wear which elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

To ensure good lift chain maintenance, another factor to think about is to check the clevis pins on the lift chain for signs of wearing. Lift chains are assembled so that the clevis pins have their tapered faces lined up with each other. Normally, rotation of the clevis pins is often caused by shock loading. Shock loading occurs when 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. Without the good lubrication, in this case, the pins can rotate in the chain's link. If this particular scenario occurs, the lift chains should be replaced right away. It is imperative to always replace the lift chains in pairs to ensure even wear.