

Forklift Chain

Chain for Forklift - The life of the lift truck lift chains can be lengthened with proper maintenance and care. Lubricating properly is actually a great technique to lengthen the capability of this forklift part. It is really essential to apply oil periodically using a brush or whichever lube application tool. The frequency and volume of oil application needs to be adequate so as to prevent any rust discoloration of oil within the joints. This reddish brown discoloration generally signals that the lift chains have not been properly lubricated. If this situation has happened, it is really essential to lubricate the lift chains right away.

It is common for a few metal to metal contact to occur throughout lift chain operation. This can cause components to wear out in time. The industry standard considers a lift chain to be worn out if 3 percent elongation has occurred. To be able to stop the scary chance of a catastrophic lift chain failure from taking place, the maker very much suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain lengthens because of progressive joint wear which elongates the chain pitch. This elongation could 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 occurs if the chain is loose and then all of a sudden a load is applied. This causes the chain to go through a shock as it 'snaps' under the load tension. With no good lubrication, in this particular situation, the pins can rotate in the chain's link. If this scenario happens, the lift chains have to be replaced right away. It is essential to always replace the lift chains in pairs to ensure even wear.