

Forklift Chain

Forklift Chain - The life of lift chains on lift trucks could be extended completely with correct care and maintenance. For instance, right lubrication is actually the most effectual way in order to extend the service capability of this particular component. It is really essential to apply oil periodically making use of a brush or whatever lube application tool. The frequency and volume of oil application needs to be sufficient so as to prevent whichever 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 occurred, it is very imperative to lubricate the lift chains immediately.

All through lift chain operation it is normal for some metal to metal contact to occur that could result in some parts to wear out in the end. Once there is three percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to avoid the scary likelihood of a disastrous lift chain failure from occurring, the manufacturer highly recommends that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer because of 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 correct lift chain maintenance is to check the clevis pins on the lift chain for signs of wear and tear. The lift chains have been put together so that the tapered faces of the clevis pin are lined up. Usually, rotation of the clevis pins is commonly caused by shock loading. Shock loading takes place 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 correct lubrication, in this case, the pins could rotate in the chain's link. If this scenario occurs, the lift chains should be replaced right away. It is essential to always replace the lift chains in pairs so as to ensure even wear.