

Forklift Chains

Forklift Chains - The life of lift chains on forklifts could be prolonged completely with good care and maintenance. For instance, correct lubrication is actually the most effective way to lengthen the service capability of this component. It is really essential to apply oil every so often with a brush or whichever lube application device. The frequency and volume of oil application needs to be enough to be able to prevent whichever rust discoloration of oil in the joints. This reddish brown discoloration usually signals that the lift chains have not been properly lubricated. If this particular condition has occurred, it is really important to lubricate the lift chains at once.

It is typical for a few metal to metal contact to occur all through lift chain operation. This can cause parts to wear out sooner or later. The industry standard considers a lift chain to be worn out when 3 percent elongation has occurred. So as to stop 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 because of progressive joint wear that elongates the chain pitch. This elongation is capable of being measured by placing a certain number of pitches under tension.

To be able to ensure good lift chain maintenance, another factor to consider is to check the clevis pins on the lift chain for indications of wearing. Lift chains are assembled 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 takes place when 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. Without the correct lubrication, in this case, the pins could rotate in the chain's link. If this particular scenario takes place, the lift chains have to be replaced instantly. It is very important to always replace the lift chains in pairs to be able to ensure even wear.