

Chain for Forklift

Forklift Chain - The life of lift chains on lift trucks can be extended completely with proper care and maintenance. For example, correct lubrication is actually the most effectual way to prolong the service capability of this part. It is essential to apply oil occasionally utilizing a brush or other lube application device. The volume and frequency of oil application must be enough so as to prevent any rust discoloration of oil in the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this particular condition has occurred, it is very important to lubricate the lift chains right away.

It is common for several metal to metal contact to happen throughout lift chain operation. This could lead to components to wear out eventually. The industry standard considers a lift chain to be worn out when 3% elongation has happened. So as to avoid the scary possibility of a disastrous lift chain failure from happening, the maker greatly suggests that the lift chain be replaced before it reaches three percent elongation. The lift chain lengthens due to progressive joint wear that elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

So as to ensure proper lift chain maintenance, another factor to think about is to check the clevis pins on the lift chain for indications of wearing. Lift chains are put together 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 takes place 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 proper lubrication, in this case, the pins can rotate in the chain's link. If this particular situation occurs, the lift chains should be replaced right away. It is very important to always replace the lift chains in pairs to ensure even wear.