

Chain for Forklifts

Forklift Chain - The life of lift chains on lift trucks can be prolonged significantly with correct maintenance and care. Like for example, correct lubrication is the most effectual method to prolong the service capability of this part. It is really vital to apply oil every so often using a brush or whichever lube application device. The volume and frequency of oil application must be adequate in order to stop 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 situation has happened, it is really essential to lubricate the lift chains right away.

It is common for several metal to metal contact to happen throughout lift chain operation. This can lead to components to wear out in time. The industry standard considers a lift chain to be worn out when 3 percent elongation has happened. In order to avoid the scary likelihood of a catastrophic lift chain failure from taking place, the manufacturer very much suggests 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 can be 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 indications of wear and tear. The lift chains have been put together so that the tapered faces of the clevis pin are lined up. 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 proper lubrication, in this particular case, the pins could rotate in the chain's link. If this particular scenario takes place, the lift chains need to be replaced right away. It is very important to always replace the lift chains in pairs so as to ensure even wear.