

Chain for Forklifts

Forklift Chain - The life of lift chains on forklifts can actually be lengthened significantly with correct care and maintenance. For instance, correct lubrication is actually the most effective technique so as to prolong the service capability of this component. It is really essential to apply oil periodically making use of a brush or other lube application tool. The volume and frequency of oil application needs to be enough in order to stop whatever rust discoloration of oil in the joints. This reddish brown discoloration normally signals that the lift chains have not been correctly lubricated. If this condition has happened, it is extremely important to lubricate the lift chains as soon as possible.

It is common for several metal to metal contact to take place during lift chain operation. This can lead to parts to wear out sooner or later. The industry standard considers a lift chain to be worn out if 3% elongation has occurred. To be able to prevent the scary chance of a catastrophic lift chain failure from occurring, the maker highly suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain lengthens due to progressive joint wear that 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 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 frequently 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 go through a shock as it 'snaps' under the load tension. Without the proper lubrication, in this particular case, the pins can rotate in the chain's link. If this scenario 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.