

Chain for Forklifts

Forklift Chain - The life of lift chains on lift trucks could actually be lengthened greatly with correct care and maintenance. For example, right lubrication is actually the most efficient technique to prolong the service capability of this particular part. It is really essential to apply oil occasionally with a brush or whatever lube application tool. The frequency and volume of oil application must be adequate to be able to stop whichever rust discoloration of oil in the joints. This reddish brown discoloration normally signals that the lift chains have not been correctly lubricated. If this situation has happened, it is very important to lubricate the lift chains immediately.

It is normal for a few metal to metal contact to take place during lift chain operation. This could lead to components to wear out in the long run. The industry standard considers a lift chain to be worn out if 3 percent elongation has occurred. To be able to stop the scary possibility 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 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.

In order to ensure good lift chain maintenance, one more 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. Usually, rotation of the clevis pins is frequently 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 good lubrication, in this particular situation, the pins can rotate in the chain's link. If this particular situation takes place, the lift chains have to be replaced instantly. It is very important to always replace the lift chains in pairs to ensure even wear.