

Chain for Forklift

Forklift Chain - The life of the forklift lift chains could actually be lengthened with correct care and maintenance. Lubricating correctly is an excellent way in order to prolong the capability of this lift truck component. It is vital to apply oil periodically with a brush or other lube application device. The frequency and volume of oil application has to be adequate in order 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 condition has happened, it is really important to lubricate the lift chains at once.

It is common for several metal to metal contact to occur through lift chain operation. This could result in components to wear out in the long run. The industry standard considers a lift chain to be worn out when 3% elongation has occurred. To be able to stop the scary possibility of a disastrous lift chain failure from occurring, the manufacturer very much recommends 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.

One more factor to ensuring good 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. Usually, rotation of the clevis pins is frequently caused by shock loading. Shock loading takes place if the chain is loose and then all of a sudden a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. With no good lubrication, in this particular case, the pins can rotate in the chain's link. If this particular situation occurs, the lift chains have to be replaced instantly. It is essential to always replace the lift chains in pairs to ensure even wear.