

Chain for Forklifts

Chain for Forklifts - The life of the forklift lift chains can be prolonged with correct care and maintenance. Lubricating properly is actually an excellent method to lengthen the capability of this particular lift truck component. It is important to apply oil every so often using a brush or whatever lube application tool. The volume and frequency of oil application needs to be enough so as to avoid any rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this situation has happened, it is really essential to lubricate the lift chains at once.

During lift chain operation it is common for some metal to metal contact to take place which could cause some components to wear out eventually. As soon as there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. So as to stop the scary chance of a disastrous lift chain failure from happening, 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 could be measured by placing a certain number of pitches under tension.

Another 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. Usually, rotation of the clevis pins is often caused by shock loading. Shock loading happens if 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. With no correct lubrication, in this situation, the pins can rotate in the chain's link. If this situation occurs, the lift chains need to be replaced instantly. It is vital to always replace the lift chains in pairs to be able to ensure even wear.