

Chain for Forklift

Chain for Forklifts - The life of the lift truck lift chains can actually be lengthened with proper maintenance and care. Lubricating correctly is an excellent method to lengthen the capability of this particular lift truck component. It is really essential to apply oil occasionally with a brush or whichever lube application tool. The frequency and volume of oil application should be adequate so as to prevent whichever rust discoloration of oil within the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this condition has happened, it is really important to lubricate the lift chains at once.

It is typical for several metal to metal contact to occur all through lift chain operation. This could result in components to wear out in time. The industry standard considers a lift chain to be worn out when three percent elongation has happened. To be able to avoid the scary chance of a catastrophic lift chain failure from occurring, the manufacturer highly suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain lengthens due to progressive joint wear which elongates the chain pitch. This elongation is capable of being measured by placing a certain number of pitches under tension.

To be able to ensure good lift chain maintenance, another factor to think about is to check the clevis pins on the lift chain for indications of wearing. Lift chains are assembled 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 occurs 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. With no correct lubrication, in this case, the pins can rotate in the chain's link. If this particular scenario takes place, the lift chains must be replaced at once. It is essential to always replace the lift chains in pairs to be able to ensure even wear.