

Chain for Forklift

Chain for Forklifts - The life of lift chains on forklifts can be lengthened greatly with good maintenance and care. Like for example, correct lubrication is actually the most effectual way so as to lengthen the service capability of this particular component. It is essential to apply oil every so often making use of a brush or whatever lube application tool. The frequency and volume of oil application must be sufficient in order to stop any rust discoloration of oil in the joints. This reddish brown discoloration usually signals that the lift chains have not been properly lubricated. If this particular situation has occurred, it is extremely essential to lubricate the lift chains right away.

Throughout lift chain operation it is typical for some metal to metal contact to take place which can cause several parts to wear out eventually. Once there is 3% elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to avoid the scary likelihood of a disastrous lift chain failure from taking place, the manufacturer highly recommends that the lift chain be replaced before it reaches 3% 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.

One more factor to ensuring correct 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. Normally, rotation of the clevis pins is frequently caused by shock loading. Shock loading happens 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 particular case, the pins can rotate in the chain's link. If this particular situation happens, the lift chains must be replaced immediately. It is essential to always replace the lift chains in pairs to be able to ensure even wear.