Chains for Forklifts

Chain for Forklift - The life of the forklift lift chains can actually be prolonged with good care and maintenance. Lubricating correctly is actually an excellent method to be able to lengthen the capability of this particular forklift component. It is essential to apply oil every so often utilizing a brush or other lube application tool. The volume and frequency of oil application must be sufficient so as to stop any rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been properly lubricated. If this situation has occurred, it is really important to lubricate the lift chains right away.

It is typical for a few metal to metal contact to happen all through lift chain operation. This could cause components to wear out eventually. The industry standard considers a lift chain to be worn out if three percent elongation has happened. To be able to stop the scary possibility of a catastrophic lift chain failure from occurring, the manufacturer highly suggests that the lift chain be replaced before it reaches three percent elongation. The lift chain gets longer due to progressive joint wear that elongates the chain pitch. This elongation can be measured by placing a certain number of pitches under tension.

To be able to ensure correct 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. Normally, rotation of the clevis pins is often caused by shock loading. Shock loading happens when the chain is loose and then suddenly a load is applied. This causes the chain to experience 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 situation happens, the lift chains should be replaced at once. It is vital to always replace the lift chains in pairs in order to ensure even wear.