

## Chain for Forklifts

Chain for Forklift - The life of lift chains on lift trucks could be lengthened completely with good maintenance and care. Like for instance, right lubrication is the most effectual method so as to prolong the service capability of this particular component. It is vital to apply oil periodically with a brush or whichever lube application tool. The volume and frequency of oil application must be sufficient 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 correctly lubricated. If this condition has occurred, it is extremely essential to lubricate the lift chains at once.

It is typical for some metal to metal contact to take place during lift chain operation. This could lead to parts to wear out in the end. The industry standard considers a lift chain to be worn out if 3% elongation has happened. So as to stop the scary possibility of a catastrophic lift chain failure from happening, the manufacturer very much recommends that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer because of progressive joint wear that elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

One more 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 put together so that the tapered faces of the clevis pin are lined up. Generally, rotation of the clevis pins is frequently 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 case, the pins can rotate in the chain's link. If this scenario takes place, the lift chains have to be replaced at once. It is vital to always replace the lift chains in pairs to ensure even wear.