

Chain for Forklift

Chain for Forklifts - The life of lift chains on lift trucks can be extended greatly with correct maintenance and care. For example, correct lubrication is the most efficient way so as to extend the service capability of this particular component. It is really essential to apply oil periodically making use of a brush or whichever lube application device. The frequency and volume of oil application needs to be sufficient so as to prevent whichever rust discoloration of oil within the joints. This reddish brown discoloration generally signals that the lift chains have not been correctly lubricated. If this particular condition has happened, it is really important to lubricate the lift chains right away.

It is normal for some metal to metal contact to happen throughout lift chain operation. This can result in parts to wear out in the end. The industry standard considers a lift chain to be worn out when 3% elongation has happened. In order to stop the scary likelihood of a disastrous lift chain failure from occurring, the maker greatly suggests that the lift chain be replaced before it reaches three 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.

Another factor to ensuring correct lift chain maintenance is to check the clevis pins on the lift chain for indications 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 commonly caused by shock loading. Shock loading occurs if 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 good lubrication, in this particular situation, the pins could rotate in the chain's link. If this particular situation takes place, the lift chains should be replaced right away. It is imperative to always replace the lift chains in pairs in order to ensure even wear.