

Chains for Forklift

Chains for Forklifts - The life of lift chains on lift trucks can actually be lengthened completely with proper maintenance and care. Like for example, right lubrication is actually the most effectual technique to lengthen the service capability of this particular part. It is vital to apply oil periodically making use of a brush or whichever lube application tool. The frequency and volume of oil application needs to be sufficient so as to prevent whatever rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been properly lubricated. If this condition has occurred, it is very important to lubricate the lift chains right away.

It is typical for some metal to metal contact to happen through lift chain operation. This could cause parts to wear out in the end. The industry standard considers a lift chain to be worn out when 3% elongation has happened. To be able to avoid the scary likelihood of a catastrophic lift chain failure from occurring, the maker highly recommends that the lift chain be replaced before it reaches three percent elongation. The lift chain gets longer because of progressive joint wear which elongates the chain pitch. This elongation could be 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 indications of wear and tear. The lift chains have been put together 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 occurs 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. Without the good lubrication, in this particular situation, the pins could rotate in the chain's link. If this particular scenario occurs, the lift chains should be replaced right away. It is imperative to always replace the lift chains in pairs to ensure even wear.