

Forklift Chain

Chains for Forklift - The life of lift chains on forklifts could be extended completely with correct care and maintenance. Like for example, correct lubrication is actually the most efficient technique in order to prolong the service capability of this particular part. It is really important to apply oil every so often using a brush or whichever lube application tool. The volume and frequency of oil application needs to be enough to be able to prevent whatever 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 important to lubricate the lift chains immediately.

It is normal for several metal to metal contact to happen all through lift chain operation. This could lead to components to wear out in the end. The industry standard considers a lift chain to be worn out if 3% elongation has happened. To be able to stop the scary likelihood of a catastrophic lift chain failure from occurring, the manufacturer highly recommends that the lift chain be replaced before it reaches 3% elongation. The lift chain lengthens because of 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 proper 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. Generally, rotation of the clevis pins is often caused by shock loading. Shock loading occurs if the chain is loose and then all of a sudden a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. With no proper lubrication, in this particular situation, the pins can rotate in the chain's link. If this situation happens, the lift chains need to be replaced instantly. It is vital to always replace the lift chains in pairs to ensure even wear.