

Chain for Forklifts

Chains for Forklift - The life of lift chains on forklifts could be prolonged greatly with proper care and maintenance. Like for example, right lubrication is actually the most effective technique in order to lengthen the service capability of this component. It is important to apply oil periodically utilizing a brush or whichever lube application tool. The volume and frequency of oil application needs to be sufficient so as to avoid any rust discoloration of oil in the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this particular condition has occurred, it is really imperative to lubricate the lift chains right away.

It is typical for a few metal to metal contact to happen during lift chain operation. This can cause components to wear out eventually. The industry standard considers a lift chain to be worn out when 3 percent elongation has happened. To be able to avoid the scary likelihood of a catastrophic lift chain failure from happening, the manufacturer greatly suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain lengthens due to progressive joint wear that elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

Another 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 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 takes place when 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 good lubrication, in this particular case, the pins could rotate in the chain's link. If this particular situation happens, the lift chains should be replaced instantly. It is very important to always replace the lift chains in pairs to be able to ensure even wear.