

## Chain for Forklift

Forklift Chain - The life of lift chains on forklifts can be extended significantly with correct care and maintenance. Like for example, right lubrication is actually the most effectual method to prolong the service capability of this particular part. It is vital to apply oil every so often with a brush or whatever lube application device. The volume and frequency of oil application has to be sufficient in order to avoid whichever rust discoloration of oil in the joints. This reddish brown discoloration usually signals that the lift chains have not been correctly lubricated. If this particular situation has happened, it is very important to lubricate the lift chains right away.

During lift chain operation it is common for some metal to metal contact to happen that could cause some parts to wear out in the end. As soon as there is 3 percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to stop the scary likelihood of a catastrophic lift chain failure from happening, the maker highly suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain gets longer 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.

Another factor to ensuring good 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 commonly 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 experience a shock as it 'snaps' under the load tension. With no proper lubrication, in this particular case, the pins can rotate in the chain's link. If this particular scenario occurs, the lift chains should be replaced right away. It is vital to always replace the lift chains in pairs in order to ensure even wear.