

Chain for Forklift

Forklift Chain - The life of the lift truck lift chains could be extended with correct care and maintenance. Lubricating properly is actually a great method to extend the capability of this lift truck part. It is important to apply oil periodically with a brush or other lube application tool. The volume and frequency of oil application must be enough so as to avoid 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 condition has happened, it is extremely imperative to lubricate the lift chains as soon as possible.

It is typical for some metal to metal contact to occur during lift chain operation. This can cause parts to wear out sooner or later. The industry standard considers a lift chain to be worn out when 3 percent elongation has happened. In order to prevent the scary likelihood of a catastrophic lift chain failure from occurring, the maker very much suggests that the lift chain be replaced before it reaches three percent 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.

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 takes place if 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 proper lubrication, in this case, the pins could rotate in the chain's link. If this particular scenario takes place, the lift chains should be replaced instantly. It is essential to always replace the lift chains in pairs so as to ensure even wear.