

Forklift Chains

Forklift Chain - The life of the forklift lift chains can be lengthened with proper care and maintenance. Lubricating properly is actually an excellent method in order to prolong the capability of this particular lift truck component. It is essential to apply oil periodically utilizing a brush or whichever lube application device. The frequency and volume of oil application needs to be enough so as to stop whichever rust discoloration of oil within the joints. This reddish brown discoloration usually signals that the lift chains have not been correctly lubricated. If this particular situation has occurred, it is very important to lubricate the lift chains as soon as possible.

It is common for a few metal to metal contact to take place all through lift chain operation. This could cause parts to wear out in time. 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 taking place, the maker very much recommends that the lift chain be replaced before it reaches three percent elongation. The lift chain lengthens because of progressive joint wear that 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. Generally, rotation of the clevis pins is often 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 experience a shock as it 'snaps' under the load tension. With no correct lubrication, in this case, the pins could rotate in the chain's link. If this situation happens, the lift chains should be replaced instantly. It is very important to always replace the lift chains in pairs to ensure even wear.