Forklift Chains

Chain for Forklift - The life of the forklift lift chains can be lengthened with correct care and maintenance. Lubricating properly is a great way so as to extend the capability of this particular forklift part. It is really essential to apply oil every so often utilizing a brush or whichever lube application tool. The volume and frequency of oil application should be sufficient so as to stop whichever 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 extremely essential to lubricate the lift chains immediately.

Throughout lift chain operation it is common for some metal to metal contact to happen that could lead to some components to wear out in the long run. As soon as there is three percent elongation on the lift chain, it is considered by industry standards to have worn out the chain. In order to prevent the scary chance 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 gets longer due to progressive joint wear which 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 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 occurs when the chain is loose and then suddenly a load is applied. This causes the chain to experience a shock as it 'snaps' under the load tension. Without the proper lubrication, in this particular case, the pins can rotate in the chain's link. If this situation occurs, the lift chains should be replaced immediately. It is essential to always replace the lift chains in pairs so as to ensure even wear.