Chains for Forklift

Forklift Chain - The life of lift chains on forklifts can actually be extended completely with proper care and maintenance. For instance, correct lubrication is actually the most efficient technique to prolong the service capability of this part. It is really important to apply oil every so often making use of a brush or whichever lube application tool. The frequency and volume of oil application needs to be sufficient so as to prevent whatever rust discoloration of oil in the joints. This reddish brown discoloration generally signals that the lift chains have not been correctly lubricated. If this situation has occurred, it is really essential to lubricate the lift chains at once.

It is common for several metal to metal contact to occur throughout lift chain operation. This could cause parts to wear out sooner or later. The industry standard considers a lift chain to be worn out if three percent elongation has happened. In order to stop the scary chance of a catastrophic lift chain failure from taking place, the manufacturer greatly recommends that the lift chain be replaced before it reaches 3% elongation. The lift chain gets longer due to progressive joint wear that elongates the chain pitch. This elongation is capable of being 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. Usually, rotation of the clevis pins is often caused by shock loading. Shock loading occurs if 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 situation, the pins could rotate in the chain's link. If this scenario happens, the lift chains need to be replaced right away. It is very important to always replace the lift chains in pairs to ensure even wear.