

Service Bulletin

Bulletin #: **SB-640-001** Rev: **05**
07/28/22 Page 1 of 1

Daifuku America Corporation
30100 Cabot Drive
Novi, Michigan 48377

DAIFUKU

Subject: Lubrication Requirements for X-348, X-458 & X-678 Conveyor Chain

Proper lubrication of X-348, X-458 & X-678 conveyor chain is essential for extended service life. This service bulletin addresses the initial lubrication requirements and recommended long term maintenance practices for X-348, X-458 & X-678 chain.

- Recommended lubricant: Petroleum based industrial oil.
Oil must be equivalent (or greater) to SAE 30, AGMA #3 or ISO 100 viscosity.
EP additives, and or polymer additives are recommended
- X-348, X-458 & X-678 chain must be lubricated immediately after installation.
- **Water based, low viscosity or dry film type lubricants are not recommended for Daifuku America Corporation conveyor chain and may void any applicable Daifuku America Corporation product warranties.**

An automatic chain lubricator is strongly recommended for typical systems and is required for heavily loaded systems or systems operating in adverse environments such as high temperature. Refer to figure #1 for the 2 location points on the chain requiring lubrication.

Adequate maintenance lubrication is required for all systems and in particular for heavily loaded systems or systems operating in adverse environments such as high temperatures. The frequency and amount of lubrication is unique for each conveyor application and is normally determined after the initial installation and after a 1 month evaluation. Proper lubrication is generally defined as having a visually wet oil film on all chain pin bearing surfaces.

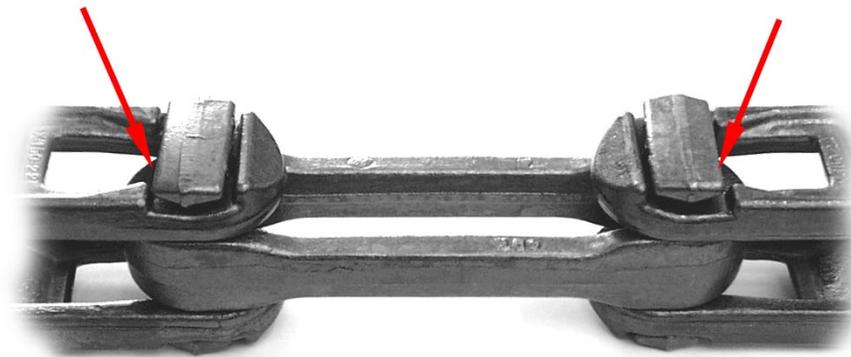


Figure 1" Lubrication Points for "X" style Conveyor Chain

For questions regarding this service bulletin, call Daifuku America Corporation (DAC) Product Sales at (248) 553-1232 or email us at dacproductsales@daifukuamerica.com.