



Application **SOLUTIONS** for Food & Beverage

**SYSTEM  
PLAST**

# Wine Manufacturer

## Application

Conveyor Line of Wine Bottles

## Solution Type

Maintenance Cost Savings  
Improved Production Efficiency

## Description of Problem

Customer was concerned about excess lubrication being used in their current bottling application with the competitor's type of chain. It was causing a multitude of problems including the required treatment and disposal of the lubricant. Strict environmental laws prohibit them from putting used lubricant into the sewage system. The lubricant must be captured and disposed of at an extra expense by a licensed contractor.



## System Plast™ Solution

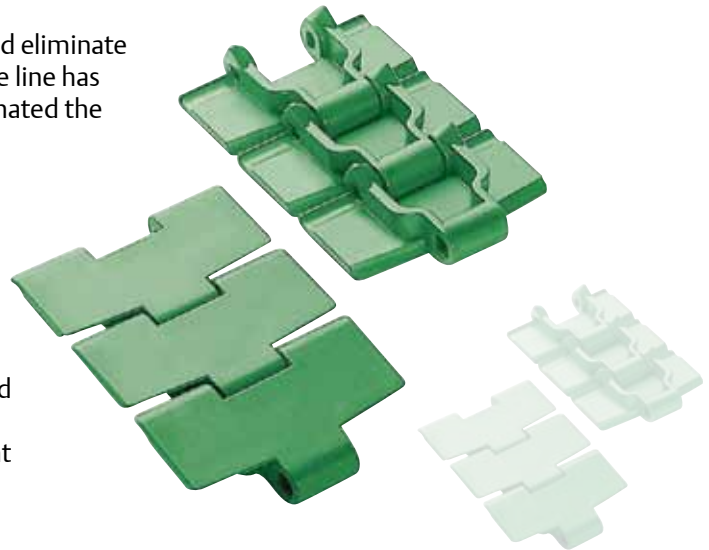
System Plast recommended the customer switch to NG™ chain and eliminate their line lubrication in these areas. NG chain was installed and the line has been running without any known issues. The customer also eliminated the cost of treatment and disposal of the previous lubricant.

## Product/Part Description

System Plast NG chains

## Key Customer Need(s) and Benefits from System Plast Product:

The combination of high wear resistance and low friction provided the right set up for the conveyor to work efficiently. After this success with the NG chain, the customer was left with a significant improvement in performance efficiency and reduced costs.



  
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## Features and Benefits

### System Plast™ Conveyor Chains made from NG™ Material

System Plast offers a full range of chains made from its unique New Generation™ (NG) material. NG is a proprietary custom engineered resin that provides high speed run capability for “no-lube” applications where many other chains cannot perform without either wet or dry lubrication.

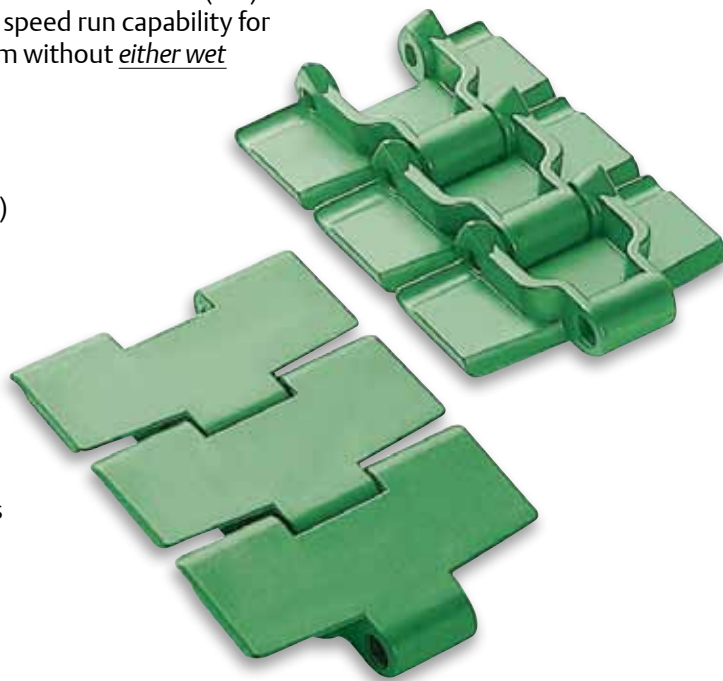
#### Features:

- Lower coefficient of friction versus acetal materials
- Increased dry operating temperature - up to 245° F (118° C)
- Excellent chemical resistance
- Improved UV resistance
- Side-flexing and straight running configurations
- Widths from 3.25” up to 12” wide
- Dimensionally interchangeable with similar competitive styles

#### Benefits:

- Provides longer wear life than acetal based conveyor chains
- Offers reduced plate wear and reduced pitch elongation
- Reduced noise levels compared to acetal materials
- Large, flat surface for product stability
- Higher PV limit provides higher speed capability
- Reduced power consumption when used in conjunction with Nolu-S wear materials
- Can often reduce or eliminate the need for chain lubrication and the resultant problem of waste water handling

NG material in grey (NGG) is also available for our Modular Plastic Belt products.



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#### APPLICATION CONSIDERATIONS

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