

# DIAMOND® STANDARD SERIES CHAIN FOR WOOD MANUFACTURING OPERATION

## CHALLENGE ▼

A leading manufacturer of engineered wood products was experiencing premature wear on various conveyor lines throughout its factory. While using the competitor’s chain, failures were occurring every fifteen weeks on each conveying line. This could be attributed to the inferior quality of the competitor’s product, costing the manufacturer \$6,000 per line, per incident.

## SOLUTION ▼

To solve the issue, Diamond recommended its Standard Series chain. From materials to post-assembly, Diamond® Standard Series chains are designed to endure demanding shock loads and provide extended wear life.

Starting from high quality steel, this product is manufactured to exacting dimensional standards and heat treated to increase strength, durability and wear resistance. Consistent shot peen intensity helps components resist chain failure. Proprietary lubrication and pre-stressing of the finished product can lead to extended chain wear life.

## RESULTS THAT MATTER ▼

After replacing the competing product with Diamond® Standard Series chain, wear life increased from 15 weeks to 20 weeks. This increase saved the manufacturer \$21,300 after one year and is projected to save \$106,800 after five years.



First Year Savings
<b>\$21,300</b>
Five Year Savings
<b>\$106,800</b>

