

Case Study

120 Riveted Roller Chain



INDUSTRY

Timber Industry

PROBLEM

A manufacturer of reconstituted wood products was having to replace chains on their forming line for Particle press board (120 Riv) at 12-18 months. The short wear life and uneven wear of the OEM chain was costly, and unacceptable. The customer wanted a chain that would last longer, provide even wear between chain sets, and was readily available. The Roller Chain was provided by the OEM out of Germany. The initial up-front cost of the chain was low but had a long lead time and had not performed well in the past, lasting only 12-18 months.



APPLICATION

Forming Line - Reconstituted Wood Products

SOLUTION

Diamond 120 Riveted Roller Chain was supplied in cut-to-length strands which were matched and tagged specifically for this application. While slightly more expensive on the front end, the price difference was expected to be made up by the improved wear and service life of the chain.

BENEFIT

At the time of this report, the Diamond chains have been in operation for nearly 4 years and based on their current condition, are expected to last an additional 2-3 years. The long and even wear of the Diamond chains have more than made up for the initial price differential. As a result of the success with this chain, this customer has been changing out "metric" chains to ANSI standard so that they will be able to use Diamond Chain. They are extremely happy with Diamond and will be using Diamond for a long time to come.

