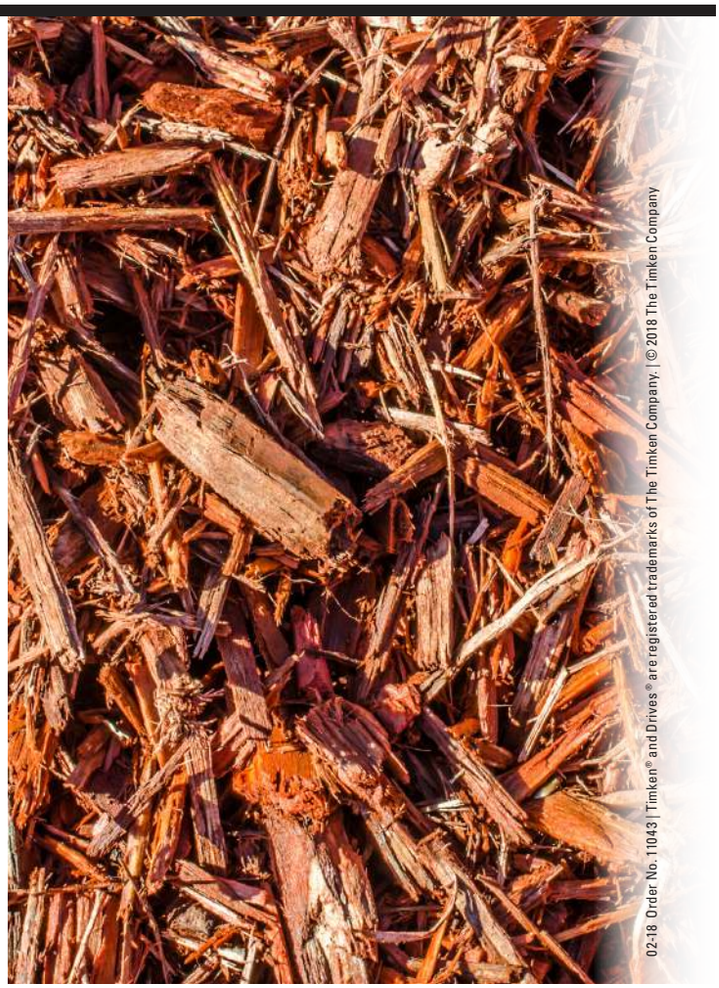
TIMKEN

TIMKEN DRIVES® EXTENDED LIFE CHP® CHAIN WITHHOLDS WEAR AND FAILURE



CHALLENGE

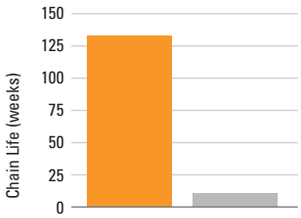
One of the world's leading producers of fiber-based packaging, pulp and paper had a site in Louisiana that needed a solution to address a competitor's self-lube roller chain which only lasted up to 13 weeks in a bark screen. Even though the chain featured oil-filled bushings designed to keep the chain pins lubricated, dirt and bark worked its way into the screen, causing wear and failure.

TIMKEN SOLUTION

To stop the wear and tear, Timken Drives experts recommended 100-1R Extended Life CHP® chain. The design features chrome-hardened pins, which reduce chain elongation and deliver wear and shock load performance

RESULTS THAT MATTER

The Drives CHP chain operated successfully for 130 weeks, 10 times longer than the competitor's solution. The paper mill also saved more than $357,730 in chain, sprocket, labor and lost production expenses thanks to the recommendation from Timken Drives.



Overall Cost Savings

$357,730



The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, belts, brakes, clutches, chain, couplings, gears and related mechanical power transmission products and services.