



**WIRE-MESH
PRODUCTS, INC.**
BECAUSE A BELT IS NOT JUST A BELT™

CASE STUDY

POORLY TRACKING BELT

SITUATION:

Two sections of belt manufactured by a competitor were sent to Wire-Mesh Products for analysis. Due to poor belt performance, the future customer was searching for answers to their belting problems.

FINDINGS:

Wire-Mesh performed a five-step analysis on the damaged belt and found several contributing factors to its failure. Reasons for the failure included spiral run-out, spiral twist, uneven pressure, mismatch between spiral and crimp, mechanical damage, and a high spiral profile. All of these factors played a significant role towards premature belt failure, excess stretch and camber, stress concentration points, difficulty in splicing, and tracking problems.

RESULTS:

Wire-Mesh proposed a low-spiral profile technology belt solution manufactured under rigid quality control systems, resulting in a high performing belt which outlasted and outperformed the current belt, ultimately financially benefitting the company.

