20% More Production—and the G.T.M.

The value of better belting appears in both reduced cost of belt maintenance and increased volume of production. In the case of the rotary screen drive in the Iroquois Pulp & Paper Company’s plant at McKeever, N.Y., a Goodyear Blue Streak Belt, applied as a result of a Goodyear technical analysis, not only cut belting cost 50% but effected a 20% increase in production.

This profitable result, affecting the entire operating economy of the plant, is traceable in part to the improved quality of the Goodyear Belt and in part to the logical method by which the G.T.M.—Goodyear Technical Man—determined the exact type of belt the drive needed. Undoubtedly, the same Goodyear Blue Streak would have done the same efficient work if it had happened to get the job. The value of the C.T.M. analysis was that it removed the element of chance from the problem and replaced it with the certainties of scientific study.

The drive had been a belt eater. A quarter turn on short centers of crowned pulleys, and the presence of considerable moisture had proved too much for ordinary belts, and they succumbed at the rate of one every 30 days.

The G.T.M. attacked that problem with two things in mind: more efficient belt service for the Iroquois Company, and a full, fair chance for the belt he would recommend. He began with what is perhaps the most important factor—the required horsepower, including both the sustained and the maximum starting load. He included pulley dimensions, turns, centers, speed and atmospheric conditions.

An 8-inch, 8-ply Goodyear Blue Streak met the requirements. Its friction surface held the pulleys without slippage. It resisted the prevailing clamp. It opposed extra strength and flexibility to the severe strain of the quarter turn. Its operating record lived up to its promise to save money, to increase production, and to protect our good name.

Students and teachers of engineering are supplied copies of the Goodyear Mechanical Goods Encyclopedia and further information on the Goodyear plan of Plant Analysis on letter request to The Goodyear Tire & Rubber Company, Akron, Ohio.