



CUSTOMER STORIES

## SUPPORTING THE ADVANCE OF NEXT-GEN “GLOW PLUGS” REQUIRES PRECISE TEMPERATURE CONTROL AND FAST HEAT-UP



**Leading brands help diesel engines start more reliable and faster—even in the coldest weather—with specialized heating wire from Isabellenhütte**

### CHALLENGE

*To differentiate their hot glow plug products, manufacturers want to reach higher temperatures as quickly as possible for optimal product performance. As a mass-market product, the right mix of precision and price is an essential consideration.*

### SOLUTION

Isabellenhütte delivers precision heating wires (e.g. RESISTHERM™ and nickel-alloy G7) to tier-1 and tier-2 suppliers who are serving today’s leaders in glow plug manufacturing. Products are not only created to satisfy tight tolerances, but also are delivered in formats that streamline and speed manufacturing processes.

### APPLICATION

Glow plugs that include our heating wire find their way into the majority of diesel vehicles in Europe and millions of vehicles around the world. Additionally, new designs are being developed to improve the performance and efficiency of diesel engines that will require the enhanced characteristics Isabellenhütte is prepared to deliver.