



## DIGGING INTO APPLICATION SPECIFICS FOR U.S. MINE

**Total Savings  
in Material  
& Labor =  
\$21,465**

**Increased  
Production by  
294 HOURS**

**TPC PRODUCT:  
SUPER-TREX® 600V  
WELDING CABLE**



### CUSTOMER PROBLEM:

A large, well-known U.S. coal mining operation in the Midwest was experiencing weld cable failures mostly due to the rough and rocky landscape of the site. With multiple layers to the tough conditions, their current cable was exposed to abrasion, direct impact from being run over, exposure to oil, and weld splatter – from welding itself. All of these variables meant the customer was risking MSHA citations, which can certainly add up quickly.

### TPC SOLUTION:

One of our field specialists carefully assessed the situation and considered all of the types of damage this specific area was being exposed to. From high temperatures to chemicals to abrasion to impact and chunking, these were quite the challenging circumstances, but she was up to it. That's how TPC's **Super-Trex® 600V Welding Cable** was introduced. This rugged solution comes equipped with our specially compounded, security yellow TSE jacket, meaning it offers superior first-line defense against all types of environmental elements. It actually has a 25% thicker wall than most ordinary cable and 100% fabric serve, which means that it's flame-, heat-, and tear-resistant. Plus, this welding cable has MSHA approval, so when citations can be issued and money can be lost, it was important for this customer to maintain full compliance.

### CUSTOMER RESULT:

By switching from a commodity cable to a rugged TPC cable, this customer successfully achieved an increase in production by 294 hours and a cost savings of \$21,465 over a 22-month period. Quite impressive!

Source: TPC Cost Value  
Analysis Report #3121

