## **CASE STUDY:** Flexing



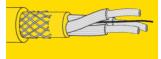


# MINERALS MINE MACHINES FAIL FROM FLEXING

Total Savings in Material & Labor = \$3,158

### Increased Production by 21 HOURS

TPC PRODUCT: SUPER-TREX® TRIPLE-GARD® PORTABLE CORD



Source: TPC Cost Value Analysis Report #3343

#### **CUSTOMER PROBLEM:**

A leading producer of industrial minerals serving a wide variety of raw materials applications was experiencing cable failures every six months on their high-demand screener and shaker machines. While sifting and screening equipment is built for constant use, the portable cords powering them weren't as ready for the task. With all of the frequent flexing, vibration, and rapid movements present on these machines, a more rugged solution was needed.

#### **TPC SOLUTION:**

This customer didn't understand how frequent their cable replacement really was until they learned more about us from one of our local field specialists. After witnessing a live TPC product demo and seeing first-hand how our cable withstands conditions comparable to those in the mines, it was clear that our **Super-Trex® Triple-Gard® Portable Cords** were the answer. Equipped with 2 ½ times more stranding and tinned copper conductors, our Super-Trex<sup>®</sup> line of products offer excellent resistance to cable fatigue and breakage. Plus, our dual-layered, fiber-reinforced jacket adds strength against twisting and pulling – a great solution for these machines.

#### **CUSTOMER RESULT:**

By switching from a commodity cable to a longer-lasting TPC cable, this customer successfully achieved an increase in production by 21 hours and a cost savings of \$3,158. We checked back 24 months later to confirm our cable was still going strong. That's what we like to hear!



PC WIRE & CABLE CORP. EXPECT HIGH PERFORMANCE® **TPC WIRE & CABLE CORP.** HEADQUARTERS 9600 VALLEY VIEW RD, MACEDONIA, OHIO 44056 USA 800-521-7935 • FAX 866-528-2930 • CANADA 800-545-0122 • MEXICO 001-877-283-1696 CHILE 1230-020-0229 • COLOMBIA 0-1-800-915-7519 • PERU 0800-54863 • **WWW.TPCWIRE.COM** 

WARRANTY AND DISCLAIMER: Seller makes no warranties, express or implied, with respect to this product, and seller disclaims any implied warranties of merchantability or fitness for any particular purpose. Further, seller will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profit) from any cause whatsoever.

TPC1256 (05/18) PRINTED IN U.S.A. @Copyright 2018 by TPC Wire & Cable Corp. All rights reserved. No portion of this publication, whether in whole or in part, can be reproduced without the express written consent of TPC Wire & Cable Corp.

