### Challenge

**Background**
- A ball mill pulverizing ceramic powder was driven by a set of 18 belts which had stretched and were slipping.
- The result was a loss of power and rpm. The slipping increased operating temperature of the belts, causing a significant reduction in belt life.
- A new set of belts cost $3,000 and required 24 hours to install – one full day of lost production.

### Solution

**Cost-Effective Belt Dressing**
- Apply Chesterton 730 Spragrip where the belts entered the pulley.
- Apply aerosol belt dressing from a safe distance using the pinpoint stream.
- The belt flapping stopped immediately, indicating belt slippage was eliminated.

### Results

**Improved Productivity & Savings**
- Increased belt life by 100% and improved process efficiency by 5%.
- Customer avoided cost of new belt sets.
- Production remained up and running.
- The application of Chesterton 730 Spragrip took only 10 minutes.

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**Rotary Ball Mill, Ceramic Powder Plant**

**Case Study 031 LMRO**

**Mining Products: Chesterton 730 Spragrip®**

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**Rotary ball mill driven by 18 V-belts, which were slipping.**

**Spragrip extends belt life and reduces lost production.**

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