TUNGSTEN CARBIDE DRAGON TOOTH LINERS

1.5 MILLION MILES OF SHINGLES. ZERO SIGNS OF WEAR.

CHALLENGE

A high-volume shingle manufacturer was getting one month out of 1/2" ceramic liners before extreme wear warranted replacement. These short-life liners were affecting the company's bottom line, racking up downtime, maintenance costs and lost profit.

SOLUTION

Good Earth Tools lined 1/8" of tungsten carbide on the underside of our customer's arched liners in key locations throughout the plant where conveyors change direction. That painstakingly engineered protection up-armored their machines to run longer and produce more consistently.

RESULTS

After more than four years and over 1.5 million miles of shingle production, Good Earth Tools tungsten carbide dragon tooth liners were still performing perfectly, with little to no indication of wear.



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BEFORE: 1 MONTH

After only a single month of production, a standard 1/2" ceramic liner shows extreme wear and requires replacement.



AFTER: 4 YEARS (+ COUNTING)

Good Earth Tools' tungsten carbide dragon tooth liners armor the underside, showing nearly indistinguishable wear even after years of steady production.



GOOD EARTH TOOLS

MAXIMUM DURABILITY. MAXIMUM EFFICIENCY.

CUSTOM TUNGSTEN CARBIDE CONQUERS THE TOUGHEST WEAR PROBLEM.

With tungsten carbide-protected equipment and parts, wear-life problems are solvable — and profitability goals are reachable — even in the most extreme applications.

We tailor solutions to the precise needs of your operation.

Using advanced 3D scanning capabilities, Good Earth Tools captures the exact specifications of your existing parts on site at your facility, for maximum accuracy and minimal downtime. With these precise measurements, our engineers develop custom wear solutions, from patch repairs to full replacements, that guarantee optimal performance and lasting value.

A blueprint for wear-life excellence, 60+ years strong:

EXPERT ENGINEERS

Leveraging decades of product design experience

CUSTOM CAPABILITIES

Creating turnkey solutions for every wear-life problem

DEDICATED TEAM

Ready to partner with our customers to deliver the very best



TUNGSTEN CARBIDE > STEEL

- 10x harder than mild steel
- Lasts 25x longer
- Resists up to 1000°





