

# CaseStudy

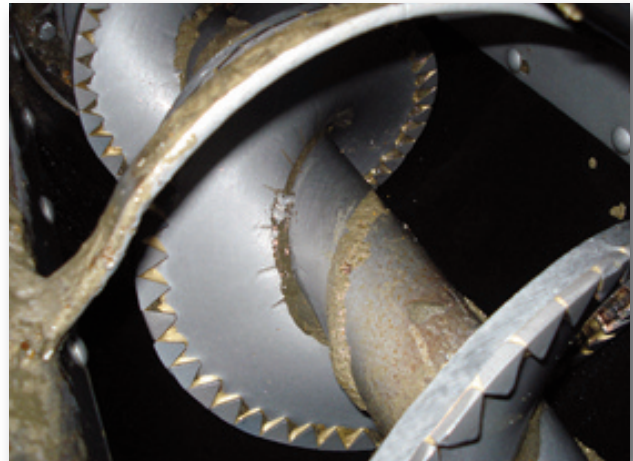
## UltraTungsten Auger Protection

Setting the standard for **best practice**

November 2011

**600% increase in wear life**

**The Challenge:** Severe wear on volumetric concrete mixer augers was causing poor product quality and excessive downtime. There had to be a better way to protect the auger and increase service life so wear parts specialist ConSpare was consulted.



**Our Solution:** UltraTungsten carbide segments brazed to steel auger flight

**Key Features:** Extreme abrasion resistance

**Improvement:** Cast steel wear pieces - 12 weeks  
UltraTungsten auger - 72 weeks and still operational

**Benefits:**

- Productivity** - mixer availability improved
- Site time** - quick turn around on site
- Product quality** - better quality concrete
- Consistency** - no reduction in mixing efficiency
- Maintenance** - regular replacement avoided
- Safety** - less intervention
- Cleaning** - far easier to clean

*“Replacing the mixing auger was a real pain and expensive, if we didn’t keep on top of it the performance of our volumetric truck suffered. UltraTungsten has solved a big problem and saved us money.”*

Director