



A 5 day repair reduced to 8 hours



“We not only minimised our plant downtime on this repair, we also reduced the likelihood of future repairs and downtime.”

A loose, spinning bearing had damaged a large fan shaft at a cement manufacturer. Hardfacing and machining the shaft would have taken five days of downtime, and it could have led to future weakening and damage from distortion and fretting corrosion. The solution: **LOCTITE 638** Retaining Compound. It fills voids, prevents fretting corrosion and evenly distributes high load stress.

A LOCTITE Engineering Solutions Expert provided training on this new repair method, and in just 8 hours, maintenance personnel, removed the main bearing then cleaned the bearing and the shaft. **LOCTITE 638** was applied to the shaft, then the bearing was slipped to the correct position and the fan was up and running.

BENEFITS

LOCTITE 638 Retaining Compound:

- Allows maintenance personnel to make efficient, in-plant repairs
- Reduces downtime
- Prevents future damage and maintains long-term repair viability