

Gold Mine Autoclave - Agitator Blades

When one of the world's largest gold mining companies wanted to improve the performance of their autoclave agitator blades, they came to Watson Grinding & MFG for our unparalleled experience in developing thermal spray coatings for severe service components.

The following photographs, from a test conducted at the mine's autoclave, show the difference in damage sustained by the blades treated with Watson Grinding's proprietary thermal spray coating and those left untreated.

The entire assembly is made of titanium and was exposed to a 1.8% sulfuric acid slurry @ 425°F.



Un-coated 3/4 Titanium Autoclave Agitator Blades & Disc—9 months run time (84RPM gearbox)

Watson Coated Titanium Autoclave Agitator Blades & Disc—50 months runtime



Call today or go online for a same day quote!

*All Components finished to customer's specifications

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