



Engineering & Manufacturing Co., Inc.

WEARMASTER™ FGD AGITATOR

Townley

is one of the most prolific suppliers of upgraded wear parts, pumps, valves, lined pipe, hose and cast alloy wear parts to North American power plants with wet FGD scrubbers. Townley has provided unique solutions to wear problems encountered in this severe slurry service for more than 35 years.



Problem

Many power plants with wet FGD scrubbers have incorporated a limestone-forced-oxidation system in the absorber to ensure a fully oxidized gypsum product.

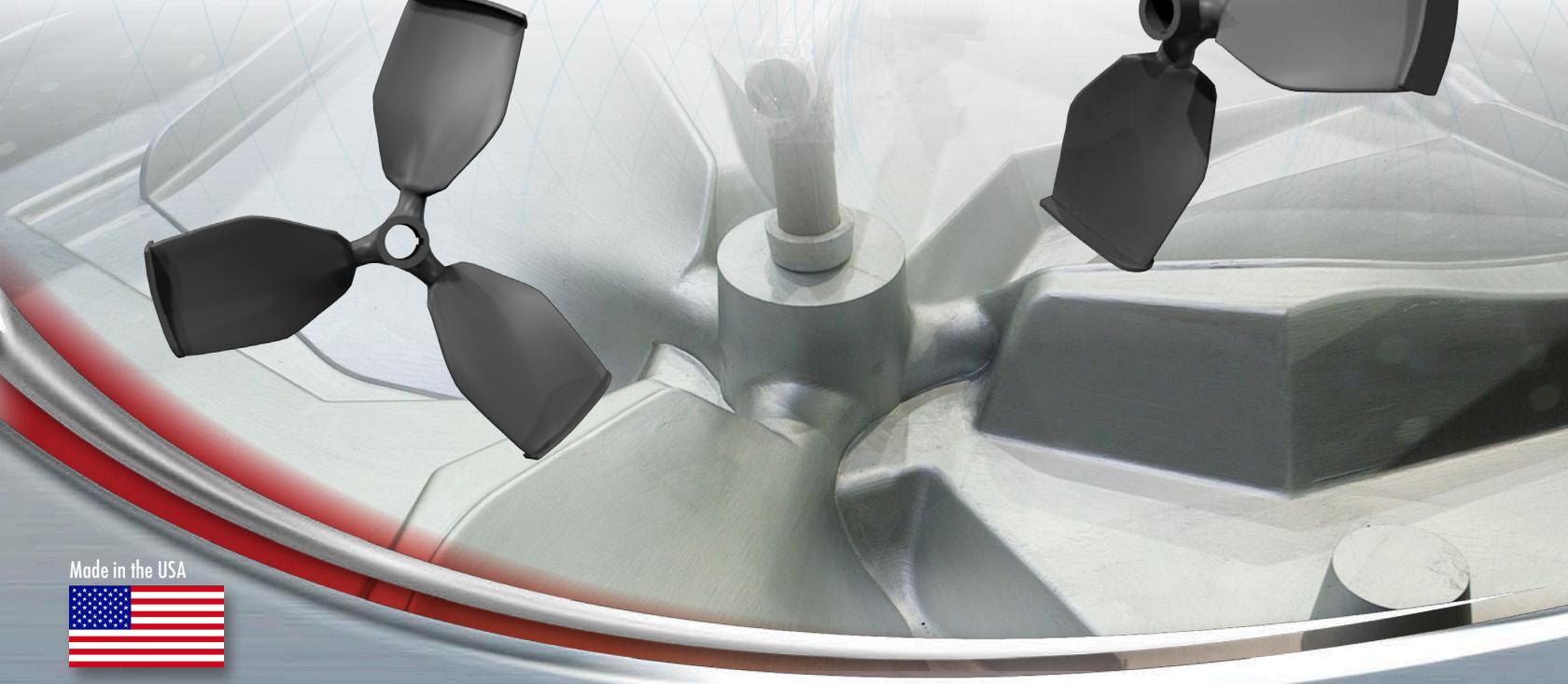
These plants are experiencing rapid erosion and corrosion on the tips and leading-edge surface of the agitator blades used on the mixers found in this service due to the constant use, chemical makeup and the abrasiveness of the slurry.

Solution

Our solution is the Wearmaster™ FGD Agitator.

Townley has a unique array of materials proven in FGD applications to address these corrosion problems and extend the life of these critical mixer blades.

All metallurgy is formulated with the strictest of parameters to ensure finished material compliance.



Made in the USA





Solution (cont'd)

Poured as one piece in our foundry this three-blade casting is manufactured with Townley's proprietary duplex stainless steel. This proven formulation gives the blades the long wear life, hardness, abrasion and corrosion resistance needed in this challenging FGD slurry environment. Each cast part will have a unique serial number for traceability.

Our skilled craftsmen machine all finished dimensions using the latest state of the art CNC machining equipment to ensure perfect fit and performance.

Each agitator is precision balanced to create a longer lasting, perfectly balanced unit that will run smoothly reducing premature bearing and seal problems.

The Wearmaster™ FGD Agitators are kept in our inventory and ready to ship.



Give them a try for better performance and reduced maintenance cycles!

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