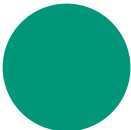


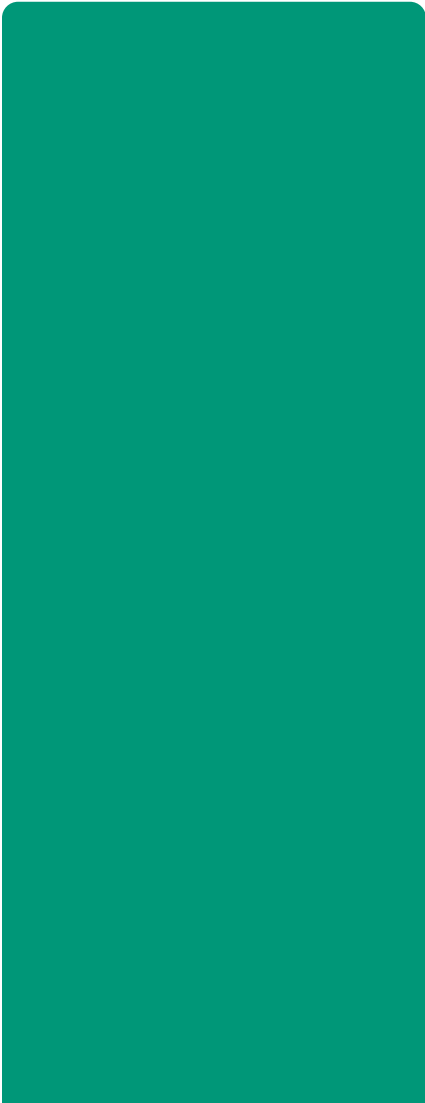
The Challenge

A leader in industrial and oil heating nozzles, this company sought to improve efficiency in combustion and reduce emissions of carbon and CO₂. This led to a focus on efficiency and end maintenance cycle.

This facility produced ball and roller bearings in a single factory. The ball mill lead, and roller mill 20% inc. The roller mill ball mill and roller mill of the nozzle are also included.



Cleaning the Hard to Clean



The Outcome

With Hubba d-Hall chemicals, the company no longer needs to brighten in nitric acid and follow with a chromate pass. The nozzle is free from oxidizing after brightening. Part is not processed in Aquaase 2289 and sealed with LaserGuard HFP, eliminating the need for a separate pass. The company has achieved a better surface finish and faster processing.



Left: Brass nozzle, before

Right: Rejected nozzle due to pitting from the Nitric brite dip process.



Left: Brass nozzle, before.

Right: Nozzle processed with Aquaase 2289 and sealed with LaserGuard HFP

Removes oxides and scales - eliminates multi-stage cleaning operations

Phosphate free - reduces wastewater charges

One step cleaner, deoxidizer & brightener - Reduces stages, time, equipment and space needed for desired finish

