

Automotive Component Manufacturer Installs ZGF Maggie System on Central Coolant System – Improves Tool Life and Quality, Reduces Scrap & Maintenance

The Most Advanced, Automatic,
Non-Disposable Liquid Filtration System



Metalworking / Machining

Customer Challenge

The operating costs and quality associated with the machining operations on the central coolant system were not meeting corporate objectives or expectations. They determined that machining coolant cleanliness was the root cause.

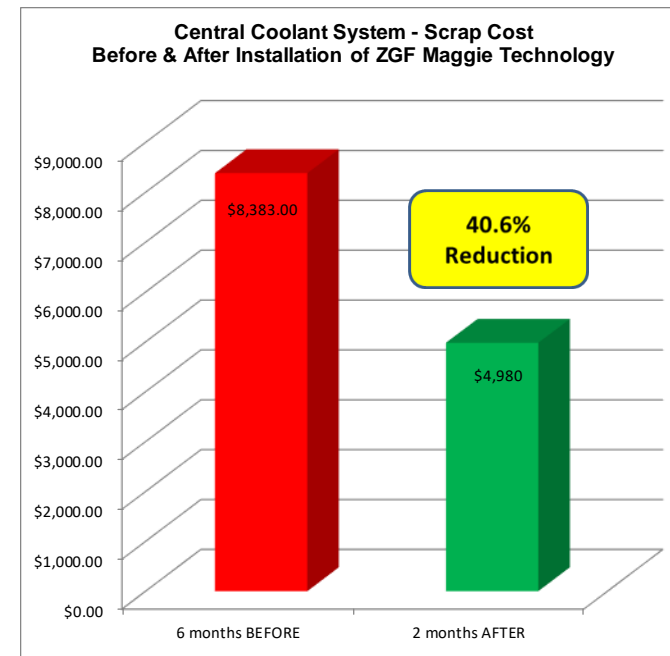
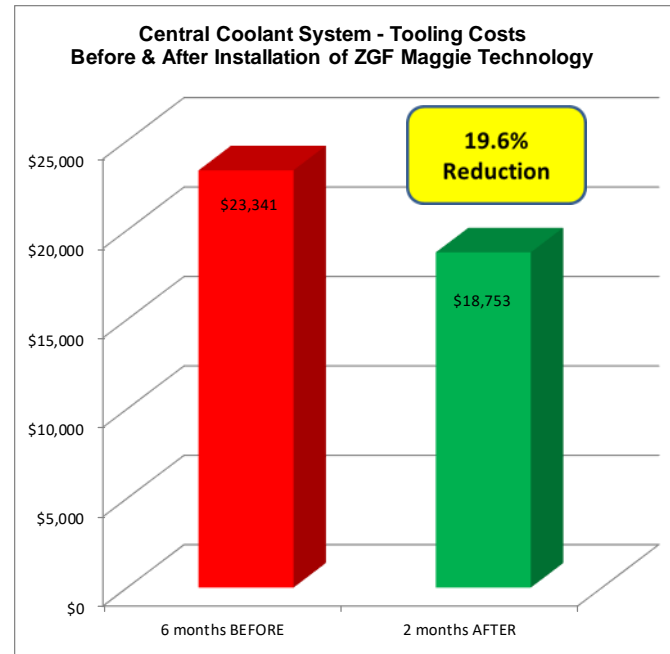
ZGF Solution

ZGF worked with engineering and maintenance personnel to develop a solution. The initial test isolated a group of machines and ZGF installed a Maggie MG2600, 2-Station with Smart Drum PLUS (SD+) rated at 500 gpm. Based upon the trial data, ZGF installed a system consisting of (3) Maggie MG2600, 6-Station and (3) SD+'s rated at 4,500 gpm. 100% of the coolant from the central system flows through the Maggie system and then to the machines.

Results

- **40.6% Reduction in Scrap Cost.**
- **19.6% reduction in Tooling Cost**
- Increased Productivity & Eliminated Unplanned Downtime
- Removing ~9 lbs. of solids per day
- Longer Coolant Life
- Reduced Labor and Maintenance
- More Environmentally Responsible

**Significantly Lower Total Operating Costs AND Improved
Process Reliability & Quality**



**8.8 lbs. of fines
removed every day**