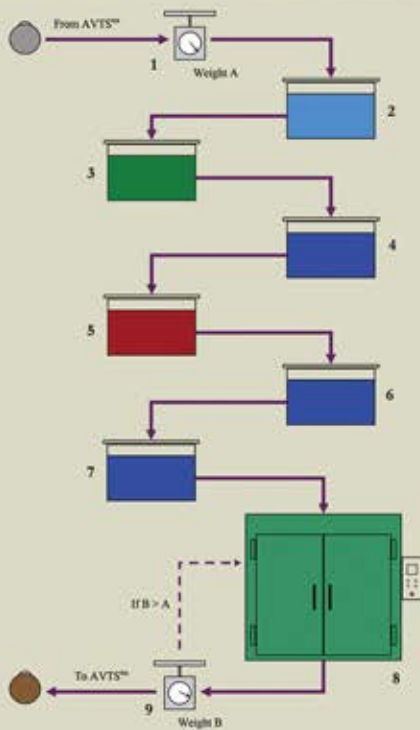


# CATALYST WASHING SERVICE

## CATALYTIC COMBUSTION

### INDUSTRY LEADING NINE-STEP PROCESS

Catalytic Combustion's advanced catalyst washing service includes a thorough physical exam of the element and a rigorous nine-step cleaning process that is highly effective in removing lubricating oil ash, dirt, rust and carbon char.



### Catalysts that pass inspection and/or testing, advance through our advanced chemical washing process:

- Step 1: Record catalyst's initial weight
- Step 2: Pre-rinse to remove loose materials
- Step 3: Bathe in a constantly agitated caustic solution
- Step 4: Rinse in a distilled water bath
- Step 5: Bathe in a constantly agitated acidic solution
- Step 6: Rinse in a distilled water bath
- Step 7: Bathe in a distilled water final bath to remove final trace elements of cleaning solutions
- Step 8: Dry in a high-temperature convection oven
- Step 9: Record post weight. If B weight is greater than A weight, return to oven

### Convection Oven for Drying

Putting a wet element back into a housing is a recipe for disaster. An oven is the preferred way to dry a catalyst, and we use convection ovens as the last step in our washing process.

