Bulletin **605** ***APPLICATION NEWS*** ***Proven applications for the Wet Tech process***

Application: Automotive Transmission TORQUE CONVERTER Cleaning

Parts: Torque Converters, Inside and Out

Description: Blasting and rinsing torque converters AND related concentric parts with abrasive slurry in the ***Wet Tech Process.***

The Wet Tech high volume slurry process uses a high concentration mixture of water and inert media such as glass bead, aluminum oxide, ceramic, or baking soda delivered from a series of nozzles to flow over parts. The converters half can be **cleaned** on the inside vanes and **descaled** and **paint stripped** on the outside simultaneously. The parts are then rinsed with pressurized water from the closed loop particle filtration and oil separation systems. A mild, low concentration rust inhibitor can be added in the closed loop system as needed. As an option, the parts can also be dried manually or automatically. The converter half is loaded onto a rotating fixture. The converter rotates at a set speed while a set of oscillating nozzles blast the part clean on either, or both sides. (See before/after photos below)

Advantages:

- Material handling **labor is minimized.**
- **Washing AND Blasting are COMBINED!**
- **Finish Quality** can be strictly controlled.
- Superior matt or burnished finish **eliminates the need for repainting!** (See center photo)
- The water/abrasive mixture cushions the process and **Eliminates Embedded Abrasive.**
- The ***Wet Tech Process*** is **Dust Free**- equipment can be installed in a clean environment.
- **Blast, Rinse, Dry** parts in **One System.**
- The **Wet Tech Process** is **Closed Loop, nothing** goes **down the drain!**

REPLACES Pre-Washing, and Dry Blasting, while thoroughly cleaning the inside vanes and outside for repaint or a matt, ready to go finish.

Equipment: All non corrosive and stainless construction, Rotary, Batch Loaded, In-Line, Manual and Semi-Automated, depending on production rates and budget. We can perform part testing in our lab, or through our local distributor. See machines and more information at our website below. **Video footage of this application is also available!**

High Volume Liquid Abrasive and High Pressure Water Surface Finishing Systems

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