



fuel treatment technology that induces a chemical reaction in fuels at temperatures well below where petroleum catalysts have previously been known to operate hence it can perform its function at the point of use and can be incorporated into an existing vehicle fuel system, installed either on the fuel line or inside the tank.

The Fitch Fuel Catalyst reforms diesel fuel, creating a more combustible, clean burning product, reducing aromatic compounds, increasing alkanes, and increasing Cetane Index (per ASTM D4737). The result is more power and better fuel economy as well as a reduction in harmful emissions.



Another great product for cleaning up the dirty fuel that plagues the transportation industry is the Fitch Fuel Catalyst, developed by Advanced Power Systems International Inc. (APSI). The Fitch Fuel Catalyst is a permanent

A number of controlled chassis dyno tests conducted with the Fitch Fuel

Catalyst have demonstrated a 5% to 12% increase in fuel economy when installed on light and heavy-duty diesel engines. A huge savings in fuel costs for larger fleets as well as helping with emissions reduction.

"During the spring and summer of 2004 I was working as the interim maintenance manager for York county transit under contract with the Transit Resource Center in Winter Springs, FL," said Joseph A. Van Houtan, a transit maintenance consultant. "During that time I conducted a test on the Fitch catalyst to reduce the smoke coming out of the exhaust stack of the Cummins-powered Orion busses. As you know this visible smoke has become a concern for the public and the environmental agencies through out the country. As you can see from the photos (see photo A & photo B, courtesy of Codorus Energy Technologies Spring Grove, PA) the smoke was reduced and there was an improvement in the fuel economy although the mpg improvement was not the main factor in conducting the test. The Fitch catalyst did reduce the visible emissions".



(Con't on page 24)