



FTC PROVIDES FUEL ECONOMIES IN ROAD TRANSPORT

The FTC catalyst was recently submitted to evaluation by the rigorous TMC/SAE J1321 procedure, which is the test method approved by The Maintenance Council (TMC) for the American Trucking Association (ATA) and involves a fleet of heavy duty diesel trucks.

One fleet functioned as a control, the other ran with the FTC catalyst treatment. The procedure involved the running of trucks over a prescribed circular road test circuit, with repeated weighing and filling of detachable fuel tanks after each run over the 72 kilometre (45 mile) route.

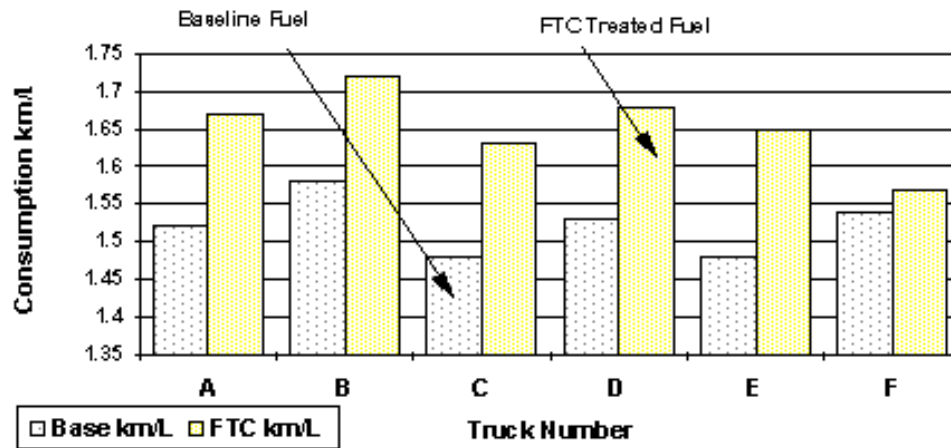
The fleet running on FTC treated fuel recorded a reduction in fuel consumption of 4.1% and a 50% reduction in smoke emissions.

A recent Australian fleet study involving six Volvo F-12 prime movers hauling road trains on a constant route and constant load showed an average 7.8% reduction in fuel consumption. The trucks were fitted with Fleetcom computers and operated under a high level of controlled maintenance.

Fleet Average Untreated	1.53 km/L
Fleet Average Treated	1.65 km/L
Improved Fuel Efficiency	7.8%

A graphic representation of individual truck performance is shown below.

Fuel Consumption Comparison - Truck Fleet



Concurrent with this six month fleet trial, Bosch Smoke Meter measurements were also taken. The reduction in smoke emissions averaged 50%.

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