

PRODUCT TESTING: ECO-FUEL SAVER



Organization	Model	Year	Fuel Type	Tests	Result
Tecnologico de Monterrey	VW Jetts Classic GL Team TT, Automatic Transmission, 2.0 L engine displacement	2012	Gasoline	Static tests: cruise engine speed (@2500 +/- 250 rpm) and slow engine speed (idling) Dynamic tests at constantcruise speed (40 km/h)	• 21% Increase in fuel economy • 37-42% reduction in CO2 emissions • >84% reduction of CO emissions (static tests) • >79% reduction of NOx emissions
WAJAX	Power Generators: 200 KW Stamford HCI 404 D1 generator powered by a 2001 60 Series Detroit diesel engine which produces 315 horsepower at 1800 rpms	2001	E-50 and E-40 Blends of Diesel	The test equipment was a Wager 6500 Digital Smoke Meter	• Reduced DP emissions by 72%, • HC emissions by 52% • CO2 by 20%, NOx by 28% • CO emissions by 81%
Automotive Testing and Development Services	2005 Ford Taurus with a six-cylinder engine and approximately 41,000 miles on the odometer	2005	Federal Unleaded Test Fuel	This test sequence was conducted in the laboratory using the Federal Highway Fuel Economy Test driving cycle	The test results show that the test vehicle, with the ECO-FUEL SAVER additive mixed into its' fuel, achieved: • 7% reduction in HC • 33% reduction in (CO) emissions • 44% reduction in (NOx) emissions when compared to the results with regular fuel
Two Feathers Contracting Mining Operations at Graymont Limestone Mine	2004 Kawaswki loader powered by a Cummins ISM 15.0 liter diesel engine	2004	Diesel	The test equipment was a Wager 6500 Digital Smoke Meter. Testing was done at idle rpm of 700, mid range rpm of 1500 rpm, and high range rpm of 2100 rpm	• Reduced DP emissions by 41% • HC emissions by 53% • CO2 by 11% • NOx by 32% • CO by 46%. • In summary, reduced the toxic gas emissions of DP, HC, CO2, and NOx by an average of 35%
Donostia-Bus's (D-Bus) maintenance facility. D-Bus is an active member of the European Union (EU) which actively supports the Copenhagen Treaty	Emission testing was conducted on all 120 of the company's buses. Of the 120 buses in the fleet, 102 were available for testing on both the December and January dates. These buses represent different manufacturers and engine combinations as well as vehicle manufacturer dates from 2001 up to and including the 2012 model year.	2001 - 2012	Diesel	The test equipment was a Wager 6500 Digital Smoke Meter. Testing was done at low speed idle rpm and high range rpm at full throttle	• 95% reduction in Diesel Particulate (DP) • 26% reduction in Hydrocarbons (HC) • 10% reduction in CO2 emissions • 53% reduction of CO emissions (static tests) • 20% reduction of NOx emissions