

Reduce Emissions

BMW 318i E36 1997

A test was conducted to measure harmful exhaust emissions of CO (Carbon Monoxide), HC (Hydrocarbon Concentration) and NOx (Nitrous Oxide) from a BMW 318i E36 1997.

The equipment used to measure the exhaust emissions is an Applus+ Autologic Diagnostics Gas Analyzer from USA. The fuel used in this test was standard Petronas Primax Fuel (RON97)

The car was driven for 10 kilometers to warm up the engine before testing. After the readings were taken, MyGreenOil was added into the fuel and then driven for another 10 kilometers before being tested again.

The test concludes that MygreenOil was able to significantly reduce harmful exhaust emissions as soon as it was added into the fuel.

For this BMW 318i E36 1997, CO, HC and NOx reduced by more than 80% within a short period of time.

Standard Petrol

Available Tests		11/3/2007 -- 11:57:22 AM		FAIL	
	High Idle Speed	Cutpoints	Low Idle Speed	Cutpoints	
CO %	0.448	1.00	0.670	1.00	
HC ppm	119	200	295	200	
CO2 %	14.06		13.25		
O2 %	1.19		2.02		
RPM	N/A		N/A		
NOx ppm	631		75		
NOxCor ppm	1007		120		

Standard Petrol with MGO

Available Tests		11/3/2007 -- 12:40:57 PM		PASS	
	High Idle Speed	Cutpoints	Low Idle Speed	Cutpoints	
CO %	0.078	1.00	0.042	1.00	
HC ppm	18	200	54	200	
CO2 %	15.15		14.76		
O2 %	0.51		0.80		
RPM	N/A		N/A		
NOx ppm	33		25		
NOxCor ppm	52		40		

Results from above test:

High Idle Speed 2500rpm

	Before MGO	After MGO	Improve %
CO %	0.448	0.078	82.59%
HC PPM	119	18	84.87%
NOx	631	33	94.77%

Low Idle Speed <800rpm

	Before MGO	After MGO	Improve %
CO %	0.67	0.042	93.73%
HC PPM	295	54	81.69%
NOx	75	25	66.67%