



Detroit Diesel Dynamometer Results

This test was performed at Valley Detroit Diesel Allison (Los Angeles, California), by a Certified Detroit Diesel dynamometer specialist. It was performed on a 1999 Volvo Truck with a Detroit Diesel Series 60 Engine. The test was performed on June 17, 2003.

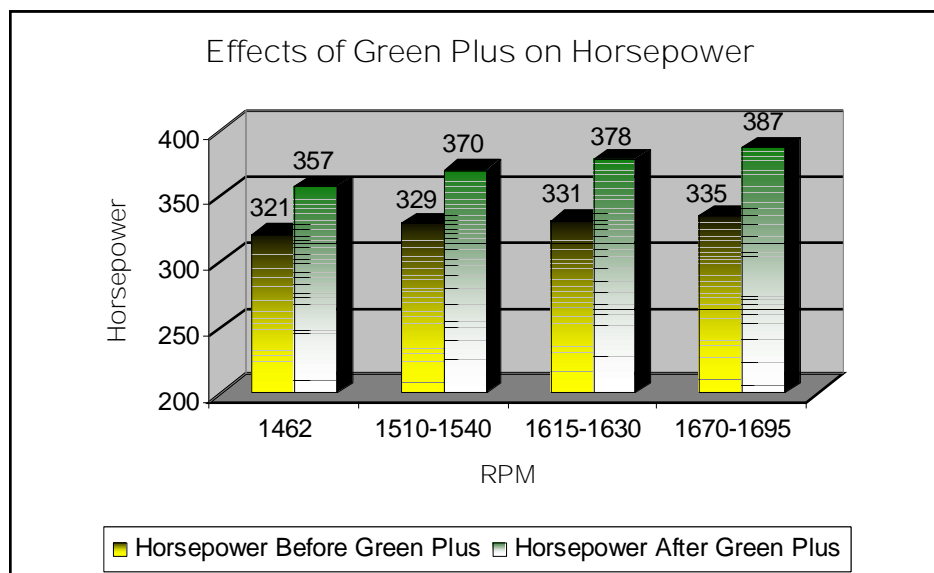
Dyno Results with and without Green Plus

	Engine Speed RPM	Vehicle Power Horsepower	Dyno Torque lb-ft	Load %	Boost psi
<u>Baseline</u> Without Green Plus	1462	321	4410	100	24.5
	1513	329	4365	100	26.0
	1629	331	4078	100	27.2
	1670	335	4021	100	27.8
Average	1568.5	329	4218.5	100	26.375
<u>Treated</u> With Green Plus	1462	357	4925	100	24.4
	1540	370	4848	100	25.4
	1615	378	4722	100	25.6
	1693	387	4589	100	25.5
Averages	1577.5	373.0	4771.0	100.0	25.2
Change		44.0	552.5	0.0	-1.2

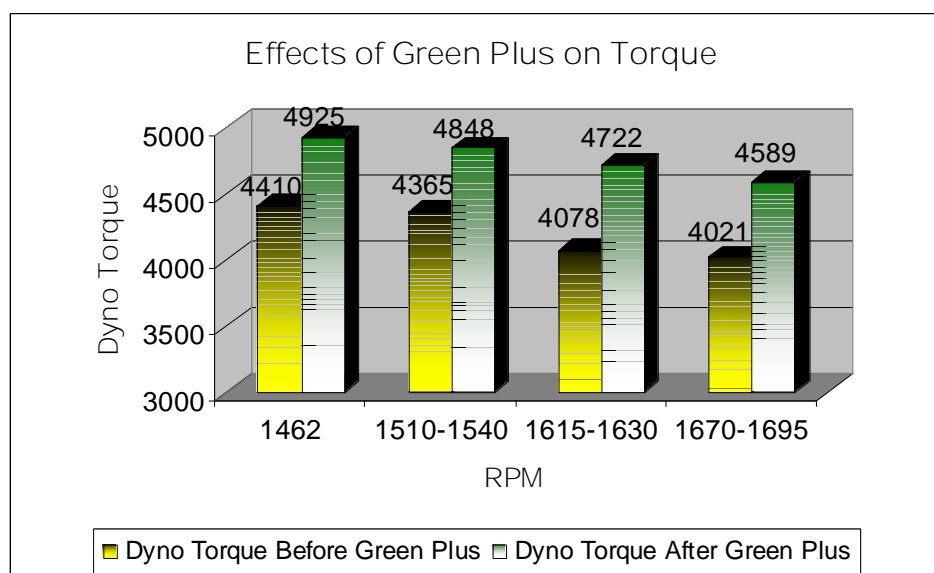
Dynamometer Test Findings

- Average of 44 HP Increases
- 11.6% Improvement in Lb-ft of Torque
- Engine loaded at 100% at all readings
- 1.2 psi reduction in boost. As a general rule of thumb 1 psi can be equated to a 50° F drop in exhaust temperature. Therefore this test shows a 60° F drop in exhaust temperature.

Graphs Showing Detroit Diesel's Dyno Results Before and After Green Plus



This graph shows an average improvement of 44 Horsepower



This graph shows an average improvement of 11.6% in lb-ft of torque