

























EMISSIONS ANALYTICS

Statistical significance at 90% confidence (two-tailed)

		MPG	g/km CO2	g/km CO	g/km NOx	g/km THC
BEFORE						
Vauxhall Insignia	Urban	25.79	294.1	0.684	0.835	0.003882
	50mph	57.77	131.4	0.179	0.377	0.001288
	70mph	42.80	177.8	0.065	0.774	0.000008
	Mixed cycle	33.84	234.4	0.403	0.705	0.002265
Ford Transit	Urban	24.40	311.8	0.289	1.317	0.000311
	50mph	42.66	178.7	0.069	0.501	0.000175
	70mph	30.66	248.7	0.111	0.850	0.000003
	Mixed cycle	28.98	262.7	0.190	0.996	0.000045
AFTER						
Vauxhall Insignia	Urban	12.01	228.3	0.028	0.168	0.000495
	50mph	23.45	101.9	0.020	0.098	0.000126
	70mph	16.96	128.6	0.009	0.156	0.000001
	Mixed cycle	15.21	186.6	0.038	0.138	0.000352
Ford Transit	Urban	10.18	236.5	0.035	0.358	0.000085
	50mph	19.03	141.2	0.000	0.118	0.000022
	70mph	13.26	196.3	0.010	0.253	0.000000
	Mixed cycle	11.86	202.6	0.025	0.288	0.000003
CHANGE						
		MPG	g/km CO2	g/km CO	g/km NOx	g/km THC
Vauxhall Insignia	Urban	-53.4%	-22.4%	-95.9%	-79.8%	-87.2%
	50mph	-59.4%	-22.5%	-88.8%	-74.0%	-90.2%
	70mph	-60.4%	-27.7%	-86.2%	-79.8%	-87.5%
	Mixed cycle	-55.1%	-20.4%	-90.6%	-80.4%	-84.5%
Ford Transit	Urban	-58.3%	-24.2%	-87.9%	-72.8%	-82.0%
	50mph	-55.4%	-21.0%	-100%	-76.4%	-87.4%
	70mph	-56.8%	-21.1%	-91.0%	-70.2%	-100%
	Mixed cycle	-59.1%	-22.9%	-86.8%	-71.1%	-93.3%



Make:		Sample No:	4705407
Model:		Location:	XS NANO EUROPE
Serial No:	NDA XSNANO	Client:	XS NANO EUROPE
System:	DERV DIESEL FUEL	Form No:	W441837
Brand:	NDA XS Nano Fuel Additive	Job No.:	
Grade:	10,000 to 1 MIX	Sampled:	
Unique No.:	4063047	Received:	21/07/14

Diagnosis Diagnostician: Jaimie Boyce Key: **Normal** **Caution** **Serious**

Based on tests performed sample passes EN590 Report re-issued.



Results **Current Sample** **Min Limit** **Max Limit**

Sample No		4705407		
Status		✓		
Sampled				
Fluid Age				
Unit Age				
Wear Metals				
Lubricity	uM	180		461
Fluid condition & other tests				
KV40	mm ² /s	3.1		5.01
Water	ppm	72		200
App	-	Clear & Bright		
Flashpoint	°C	66	55.9	
95% Recovery	°C	351.0		
Ash	%	<0.001		0.011
Cetane Index	-	54	44.99	
CFPP	°C	-15		
Cu Corrosion	-	1A		
Density	kg/m ³	834.4	820	
FAME %	%	3.47		7
recovered at 250°C	%	39.2		65.01
recovered at 350°C	%	94.8	84.99	
Sulphur in Diesel	ppm	6		1001
Total Contamination	mg/kg	5		24.1