

# MILLBROOK VEHICLE EMISSIONS LABORATORY MK45 2JQ

## MLTB CYCLE DIESEL EMISSIONS TEST SUMMARY SHEET

Customer:	Volvo Truck & Bus Ltd.				
Customer Address:	Wedgenock Lane, Warwick, CV34 5YA				
Test Purpose:	TfL Tests				
Vehicle No:	Ch.No 133975	Site No.	2	DYNAMOMETER SETTINGS	
Vehicle Type:	B9TL Wrights Gemini body			INERTIA	14265 kg
Engine:	D9B Eu5ins EEV 260hp			F°	320.38 N
Transmission:	ZF EcoLife R.axle 6.20			F <sup>1</sup>	5.322 N/kmh
Fuel Type:	UK Pump Diesel			F <sup>2</sup>	0.18455 N/kmh <sup>2</sup>
Millbrook Project No:	PT0124-002-01			F <sup>3</sup>	0.000419 N/kmh <sup>3</sup>

Test No. <b>ML02010116</b>		<b>11-Jun-09</b>						Fuel Cons
Odo	UNITS	HC	CO	NOx	CO2	PM	(Carb Bal)	
Phase 1	<i>Outer London</i>	grammes	0.036	1.150	50.871	8338.2	0.262	48.47
Phase 2	<i>Inner London</i>	grammes	0.092	2.435	32.086	4411.5	0.193	66.21
Combined result		g/km	0.014	0.398	9.201	1414.1	0.050	litres/100km
								<b>53.43</b>

Test No. <b>ML02010117</b>		<b>11-Jun-09</b>						Fuel Cons
Odo	UNITS	HC	CO	NOx	CO2	PM	(Carb Bal)	
Phase 1	<i>Outer London</i>	grammes	0.109	3.408	47.665	8246.1	0.255	48.05
Phase 2	<i>Inner London</i>	grammes	0.415	2.186	32.242	4383.7	0.198	65.90
Combined result		g/km	0.058	0.622	8.879	1403.3	0.050	litres/100km
								<b>53.04</b>

Test No. <b>ML02010119</b>		<b>12-Jun-09</b>						Fuel Cons
Odo	UNITS	HC	CO	NOx	CO2	PM	(Carb Bal)	
Phase 1	<i>Outer London</i>	grammes	0.686	1.735	53.432	8463.0	0.207	49.54
Phase 2	<i>Inner London</i>	grammes	0.408	1.289	32.164	4349.5	0.126	65.33
Combined result		g/km	0.122	0.337	9.542	1428.3	0.037	litres/100km
								<b>53.97</b>

Average of Combined Tests (g/km)	0.065	0.452	9.207	1415.2	0.046	53.48
Standard Deviation/Mean x100	68.28	27.06	2.94	0.72	13.63	0.72

COMMENTS Engine software: 21286104P01\*21145551P01\*21301055P01

Gearbox software: 21195230P01\*21185516P01\*21185515P01 - ECO

Compiling Engineer:

DATE:

Approving Engineer:

DATE: