



香港環保有限公司  
ETC HK LTD

Test Report		Report Number :	ETC03-D-0675
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Vehicle Make :	Toyota		
Model / Year :	Hiace	1990	Issue 1
Chassis Number :	LH113-6004084		
Engine Number :	3L-2716196		
Engine Capacity :	2779 cc		
Vehicle weight :	Unladen 1748kg Gross 3040kg		

Vehicle Emission Tests

**Low Sulphar Diesel Fuelled Vehicle : Registration Number EK 2636**

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## ETC HK LTD

Test Report		Report Number :	ETC03-D-0675
Test Report of 98/69/EC Emission Results			
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Vehicle Make :	Toyota		
Model / Year :	Hiace	1990	Issue 1
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Engine Capacity :	2779 cc		
Vehicle weight :	Unladen 1748kg Gross 3040kg		

The above mentioned vehicle was tested hot to 98/69/EC type 1 test procedure without any device being fitted on 18th March 2003. The baseline results from this test report number "ETC03-D-0385" is recorded below. The same vehicle was fitted both with a GF2000 Green Filter Fuel Treatment Device and GF2000 Green Filter Diesel Particulate Reactor (DPR), which returned to our Laboratory on the 13th May 2003. The vehicle was tested hot to the 98/69/EC type 1 test procedure and the results with these devices fitted are recorded below under test report number "ETC03-D-0675".

Indicated Odometer reading	Result g/km			Limit for N2 Class as set by the 98/69/EC regulation
	(g/km Grams per kilometer) from the above mentioned vehicle.			
ETC02-DE-S0005 123551 km 18th March 2003	ETC03-D-0385 Without	ETC03-D-0675 With	% Difference Improvement	
ETC03-D-0017 126622 km 13th May 2003				
<b>Measurement of</b>	<b>g/km</b>	<b>g/km</b>	<b>%</b>	<b>g/km</b>
Carbon Monoxide (CO) after a Deteriation factor of 1.1	0.63981 <b>0.703791</b>	0.20627 <b>0.22690</b>	67.7607	<b>0.74 g/km</b>
Oxides of Nitrogen (NOx)	0.98844	0.85243	13.7601	
Combined mass of HC (Hydrocarbons)	0.28456	0.22162	22.1184	
Total HC + Nox =	<b>1.27300</b>	<b>1.07405</b>	15.6284	<b>0.46 g/km</b>
Mass of Particulates	<b>0.134424</b>	<b>0.071102</b>	47.1058	<b>0.06 g/km</b>
Test date	<b>18/3/2003</b>	<b>13/5/2003</b>		
Smoke test 72/306/EEC +0.50 M-1	<b>0.865</b>	<b>0.600</b>	30.6358	
HSU	<b>15.30</b>	<b>5.60</b>	63.3987	

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Signed

Gary Parker  
Technical Director  
E.T.C. H K Ltd.



Note: N2 Class = Unladen weight below 2840kg and GVW below 12000kg

