

**Viezu Technologies Ltd - Blue Optimize
International HGV Testing**

Vehicle	Stock / OEM				BlueOptimize Tuned		
	RUN	Distance (Km)	Fuel Used (litres)	Km/L	Distance (Km)	Fuel Used (litres)	Km/L
Volvo BUS	1	95	28.00	3.39	100	25.04	3.99
	2	95	26.00	3.65	100	24.62	4.06
	3	95	29.00	3.28	100	26.13	3.83
	4	95	28.00	3.39	100	24.89	4.02
	5	95	27.00	3.52	100	24.93	4.01
	6	95	28.00	3.39	100	25.13	3.98
Average			27.67	3.44		25.12	4.06
% Improvement	18.13						

Vehicle	Stock / OEM				BlueOptimize Tuned		
	RUN	Distance (Km)	Fuel Used (litres)	Km/L	Distance (Km)	Fuel Used (litres)	Km/L
Mercedes Actross Vehicle 1	1	103	36.32	2.84	109	31.34	3.48
	2	103	36.99	2.78	109	30.83	3.54
	3	103	36.88	2.79	109	31.22	3.49
	4	103	34.94	2.95	109	30.67	3.55
	5	103	36.11	2.85	109	31.31	3.48
	6	103	36.07	2.86	109	31.42	3.47
Average			36.22	2.84		31.13	3.49
% Improvement	22.89						

Vehicle	Stock / OEM				BlueOptimize Tuned		
	RUN	Distance (Km)	Fuel Used (litres)	Km/L	Distance (Km)	Fuel Used (litres)	Km/L
Mercedes Actross Vehicle 2	1	112	39.00	2.87	109	31.01	3.51
	2	112	38.78	2.89	109	32.12	3.39
	3	112	39.07	2.87	109	31.58	3.45
	4	112	37.10	3.02	109	31.88	3.42
	5	112	38.66	2.90	109	31.97	3.41
	6	112	38.76	2.89	109	31.86	3.42
Average			38.56	2.90		31.74	3.43
% Improvement	18.28						

Vehicle	Stock / OEM				BlueOptimize Tuned		
	RUN	Distance (Km)	Fuel Used (litres)	Km/L	Distance (Km)	Fuel Used (litres)	Km/L
MAN TGA 400	1	95	32.00	2.97	95	27.66	3.43
	2	95	31.55	3.01	95	27.93	3.40
	3	95	31.87	2.98	95	27.97	3.40
	4	95	32.16	2.95	95	27.16	3.50
	5	95	32.23	2.95	95	28.12	3.38
	6	95	31.94	2.97	95	27.99	3.39
Average			31.96	2.97		27.81	3.42
% Improvement	15.15						

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	RUN	Distance (Km)	Fuel Used (litres)	Km/L	Distance (Km)	Fuel Used (litres)	Km/L
Iveco Truck	1	93	30.12	3.09	95	27.20	3.49
	2	93	30.27	3.07	95	27.33	3.48
	3	93	30.19	3.08	95	26.89	3.53
	4	93	30.46	3.05	95	26.86	3.54
	5	93	30.38	3.06	95	26.94	3.53
	6	93	30.32	3.07	95	26.97	3.52
Average			30.29	3.07		27.03	3.51
% Improvement	14.33						

Conditions: The trials above were conducted by Viezu Technologies Ltd. Testing was done on public roads, on a pre-designated route consisting mainly of motorway road type.
Each trial conducted was fair, and accurately recorded. Road conditions, load conditions, driver and fuel quality remained identical for the test period. Distances were measured in Kilometers, fuel usage was measured in Litres, and the results recorded were displayed as the distance (Km) traveled per 1 Litre of diesel.
The overall improvement in fuel economy using BlueOptimize is displayed as a percentage in blue print.

Conclusion: The average improvement in fuel economy shown across 5 heavy goods vehicles tested was 17.76%. Other benefits worth noting post tuning was significantly less gear changing, especially on longer and steeper inclines where the vehicle remained in higher gears at lower RPM's.
Driver noted a smoother more progressive power delivery. Monitoring engine data, engine temperature remained the same in all vehicles, and no other side effects were evident as a result of tuning.