Test results of different vehicles types

This list contains only a small part of the results we collected during 2024.

A **Test Prcedure A (SINGLE RUN / PRECISE TESTING)**

The testing in this group was done by road test, at a constant speed between 80 and 110 km/h, using cruise control to keep the speed constant. 1st run without / 2nd run with our catalyst.
All conditions in both runs were similar: Speed, road, distance, wheel pressure and weight of the car. Outside temperature differed not more than 3 degrees.
Fuel consumption was measured this way: The tank was filled to the very top, so the fuel started to leak out of it. After the drive, the fuel was filled again till the top.
The amount of filled fuel was red from the fuel station pump. This amount was considered as consumption.

B **Test Prcedure B (LONG TERM TESTING)**

The testing in this group was done by clients, driving under the same conditions to their office and back. Two weeks without our catalyst, two weeks with our catalyst.
Several cases were done by different methods and are mentioned separately in column Circumstances/Remarques.
Fuel consumption was measured by recording the total distance and total fuel consumed. The fuel consumption was measured by the fuel station pump meters.
These tests were very close to WLTP test conditions, which are now used in many countries.

Test Procedure	Boat	Construction	Truck	Car	Moto	Brand/Model	Year	Motorization	Power	EngineCode	Boost	Vin	Economy	No Vehicles	Duration	Circumstances/Remarques
A				X		VW Passat Variant GTE	2023	1.4 TSI PHEV	156PS/115kW	CZDA	Hybrid	WVWZZZ3CZPE022211	9.1%	1	104km/h	Economy mesured with OBFCM (On-Board Fuel Consumption Monitoring)
A				X		Toyota Prado	2022	2.7D	163PS/120kW	2TR-FE	Gasoline		26.0%	1	80km/h	
A				X		Seat Leon	2010	1.6 TDI	105PS/77kW	BTS	Diesel		6.0%	1	89km/h	
A				X		Mercedes Sprinter	2010	316 CDI	163PS/120kW	651	Diesel		26.0%	1	100km/h	
A					X	Honda Goldwing	2013	1.8	118PS/87kW		Gasoline		25.0%	1	95km/h	
A				X		Toyota Corolla	1997	2.0	97PS/71kW	4 AM	Gasoline	JT164AEB103022783	11.0%	1	87km/h	
A				X		Honda CR-V	1999	2.0 16V	147PS/108kW	B20Z2	Gasoline	JHLRD1866XC018511	11.2%	1	103km/h	
A				X		Renault Megane GT	2020	1.8T TCe 205 EDC	205PS/151kW	M5M	Diesel		8.1%	1	106km/h	
A				X		Jetour T2 PHEV	2024	2.0T	254PS/187kW		Hybrid	HJRPBGJB2RB134376	10.5%	1	110km/h	
A				X		Exceed LX	2023	1.5T	147PS/108kW	E4T15C	Gasoline		24.0%	1	98km/h	
A				X		Ford Puma	2022	1.0 ECOBOOST	125PS/92kW	CBM	Hybrid	WF02XXERK2NT13544	29.0%	1	85km/h	
A				X		Mercedes A	2017	180CDI	109PS/80kW	OM607DE15LA	Diesel	WDD1760121J601855	12.7%		108km/h	
A				X		Hyundai Bayon	2022	1.0 T-GDI	100PS/73kW	K3M	gasoline		11.4%	1	104km/h	
A			X			Scania	2022	R560	560PS/412kW		Diesel		8.3%	1	90km/h	
A			X			Volvo	2021	FH13 400	460PS/397kW		Diesel		8.1%	1	93km/h	
B				X		Toyota Land Cruiser	2018	4.0 V6	280PS/209kW	1GR-FE	Gasoline		10.0%	1	4 Weeks	
B				X		Toyota Land Cruiser	2021	2.8 D-4D	204PS/150kW	1GD-FTV	Diesel		10.0%	1	4 Weeks	
B				X		Mercedes GLS	2016	500	455PS/335kW	M278.92	Gasoline		11.0%	1	4 Weeks	
B		X				Caterpilar	2018	D11T bulldozer	935PS/698kW		Diesel		16.0%	1	6 Months	
B				X		Mercedes G	2021	500	422PS/310kW	M176.92	Gasoline		15.0%	1	4 Weeks	
B				X		Mercedes G	2022	500	422PS/310kW	M176.92	Gasoline		14.0%	1	4 Weeks	
B				X		Skoda Kodiak	2023	RS 2.0 TSI	245PS/180kW	DNWA	Gasoline	TMB LU7 NSX P8046337	10.0%	1	4 Weeks	Economy mesured with OBFCM (On-Board Fuel Consumption Monitoring)
B		X				BelAZ 75131	2009	Cummins KTA 50-C	1600PS /1193kW		Diesel		11.2%	1	2 Months	Done on the coal mining field
B				X		Renault Magane II	2002	2.0 16V	135PS/99kW	F4R	Gasoline		9.1 - 15.8 %	5	1 Year	Economy was determined depending on outside temperatures.
B				X		Renault Laguna	2001	1.8 16V	116PS/85kW	F4P	Gasoline		7.0%	1	2 Months	
B				X		Renault Magane I	1999	2.0 16V Turbo	150PS/110kW	F4RT	Gasoline		16.3%	1	2 Months	
B				X		Renault Scenic	1998	1.4 8V	75PS/55kW	K7M	Gasoline		7.5%	1	2 Months	
B				X		Mitsubishi Lancer	1998	EVO 5 2.0 Turbo	280PS/206kW	4G63T	Gasoline		5.0%	1	2 Months	
B				X		BMW 5	1980	2.5i	150PS/110kW	M30B25	Gasoline		22.0%	1	2 Months	
B				X		VW POLO	2013	1.2 TSI	106PS/78kW	CFN	Gasoline	XW8ZZZ61ZEG014631	10.0-22.0%	1	1 Year	Economy was determined depending on outside temperatures.
B			X			DAF XF	2011	XF105/410	410PS/302kW		Diesel		10.0%	1	2 Months	
B				X		Ford Focus	2005	ST 2.0 16V Duratec	225PS/165kW	YY	Gasoline		16.0%	40	2 Months	
B		X	X			Tatra Phoenix	2020	510 8x8x8	510PS/375kW		Diesel		12.0%	1	2 Months	crane truck, approx 1000km/month & 100h crane/month
B		X	X			Volvo FH	2018	540 10x4	540PS/397kW		Diesel		11.0%	1	2 Months	crane truck, approx 1000km/month & 100h crane/month
B				X		Alfa Romeo Stelvio	2022	2.0T Quadrifoglio	280PS/206kW	F4D	Gasoline		13.0%	1	1 Year	Economy was determined depending on outside temperatures.
B					X	Yamaha	2009	FZ1 Fazer	150PS/110kW		Gasoline		12.0%	1	2 Months	
B				X		Skoda Superb C	2017	2.0 TDI	190PS7140Kw	DFH	Diesel	TMBLJ9NP3H7017315	13.0%		6 Months	
B					X	Yamaha	2021	YZF-R3	42PS/31Kw		Gasoline	MH3RH18Y9MK005595	10.0%	1	2 Months	
B	X					Stingray 200CX	2007	Volvo Penta D3	130PS/95Kw		Diesel		15.0%	1	6 Months	
B				X		Alfa Romeo	2011	Giulietta 1750 Tbi	235PS/173kW	940A	Gasoline		14.0%	1	4 Months	
B				X		VW Golf 7	2017	R 1.5 TSI	150PS/110kW	DDA	Gasoline		15.0%	1	2 Months	
B				X		Alfa Romeo Tonale	2022	1.5 VGT Veloce	160PS/118kW	F4B	Gasoline		11.0%	1	2 Months	
B				X		Toyota RAV4	2015	2.2 D-4D	177PS/130kW)	2AD-FTS	Diesel		12.0%	1	2 Months	
B				X		Audi A3	2022	2.5 TFSI RS	340PS/250kW	DNWC	Gasoline		13.0%	1	2 Months	

2025: We want to collect even more test results from different vehicles for our comparison database. That's why there will be a pure kick back payment of 10%
of the purchase price for everyone who provides us with a comprehensible and complete data set of the measurement of their vehicle. Please partecipate !