

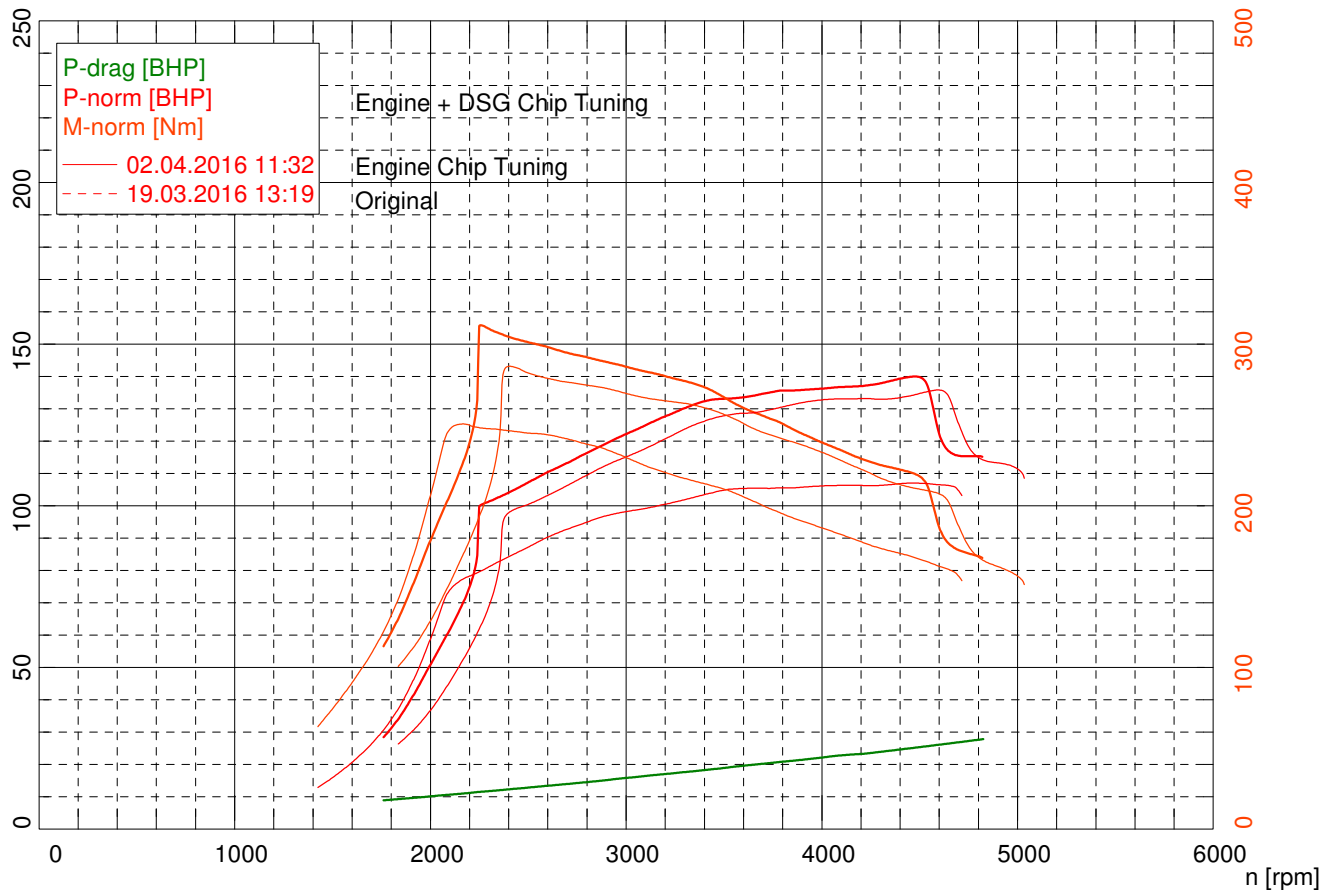
Vehicle type: VW Golf 6 1.6TDI
 License plate: CB1119AP
 Inspector: Nikolay Nikolov

Diesel-Motor / Turbo charger (air-cooled)
 Manual transmission

Stock car with working DPF/EGR
 Safety engine chip tuning
 Performance DSG chip tuning without automatic upshifting in M
 Faster upshifting and downshifting
 Launch control and rised rev limiter

Measurement date: 02.04.2016 (12:23)

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Power data		Ambient data	
Corrected power 1)	P_{Norm} 139.9 BHP / 102.9 kW	Ambient temperature	$T_{Ambient}$ 22.1 °C
Engine power	P_{Eng} 135.8 BHP / 99.9 kW	Intake air temperature	$T_{Intake\ air}$ 32.9 °C
Wheel power	P_{Wheel} 110.6 BHP / 81.4 kW	Relative humidity	H_{Air} 43.9 %
Drag power	P_{Drag} 25.2 BHP / 18.5 kW	Air pressure	p_{Air} 1000.1 hPa
Max. power at	4480 rpm / 114.9 km/h	Steam pressure	p_{Steam} 11.7 hPa
Torque 1)	M_{Norm} 311.5 Nm	Oil temperature	T_{Oil} ---- °C
Max. Torque at	2260 rpm / 57.9 km/h	Fuel temperature	T_{Fuel} ---- °C
Max. attained RPM	4825 rpm / 123.7 km/h		
1) Correction acc. to DIN 70020 Correction factors: $Q_v = 0.00\%$			
Slip		Rotating mass	
Speed no load	$v_{no\ load}$ ---- km/h	Average delay run down 1	a_1 ---- m/s ²
RPM no load	$n_{no\ load}$ ---- rpm	Average Brake force run down 1	F_1 ---- N
Speed full load	$v_{full\ load}$ ---- km/h	Average delay run down 2	a_2 ---- m/s ²
RPM full load	$n_{full\ load}$ ---- rpm	Average brake force run down 2	F_2 ---- N
Slip	---- %	Force of the rotating mass	$F_{rot-total}$ ---- N
		Rotating total mass	$m_{rot-total}$ 310.0 kg
		Rotating test stand mass	$m_{rot-dyno}$ 250.0 kg
		Rotating vehicle mass	$m_{rot-vehicle}$ 60.0 kg