

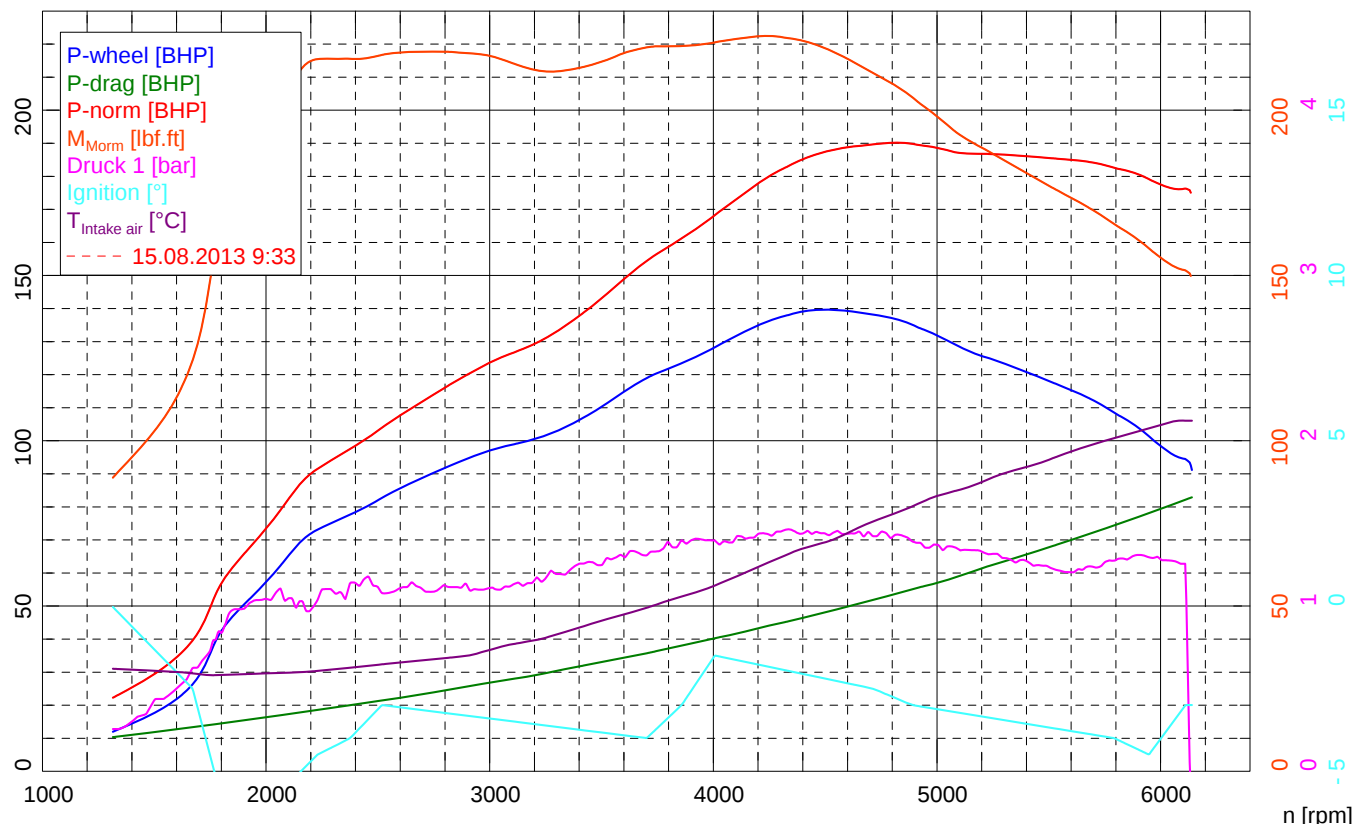
Vehicle type: PEUGEOT 208 GTI
License plate: VN13RXT
Inspector: COOKSON

Otto-Motor / Turbo charger (water-cooled)
Manual transmission
Front drive

POWER RUN, STD (WITH K&N PANEL FILTER)

Measurement date: 15.08.2013 (9:33)

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Power data

Corrected power ¹⁾	P _{Norm}	190.2 BHP	/	141.8 kW
Engine power	P _{Eng}	190.5 BHP	/	142.0 kW
Wheel power	P _{Wheel}	136.9 BHP	/	102.1 kW
Drag power	P _{Drag}	53.6 BHP	/	40.0 kW
Max. power at		4815 rpm	/	106.9 mph
Torque ¹⁾	M _{Morm}	222.4 lb.ft		
Max. Torque at		4235 rpm	/	94.1 mph
Max. attained RPM		6140 rpm	/	136.3 mph

¹⁾ Correction acc. to DIN 70020
Correction factors: Q_v = 0.00 %

Ambient data

Ambient temperature	T _{Ambient}	19.1 °C
Intake air temperature	T _{Intake air}	21.6 °C
Relative humidity	H _{Air}	85.9 %
Air pressure	p _{Air}	1017.4 hPa
Steam pressure	p _{Steam}	19.0 hPa
Oil temperature	T _{Oil}	21.0 °C
Fuel temperature	T _{Fuel}	----- °C

Slip

Speed no load	V _{no load}	----- mph
RPM no load	n _{no load}	----- rpm
Speed full load	V _{full load}	----- mph
RPM full load	n _{full load}	----- rpm
Slip		----- %

Rotating mass

Average delay run down 1	a ₁	----- m/s ²
Average Brake force run down 1	F ₁	----- lbf
Average delay run down 2	a ₂	----- m/s ²
Average brake force run down 2	F ₂	----- lbf
Force of the rotating mass	F _{rot-total}	----- lbf
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