



VEHICLE PERFORMANCE CENTRE

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MSR 500

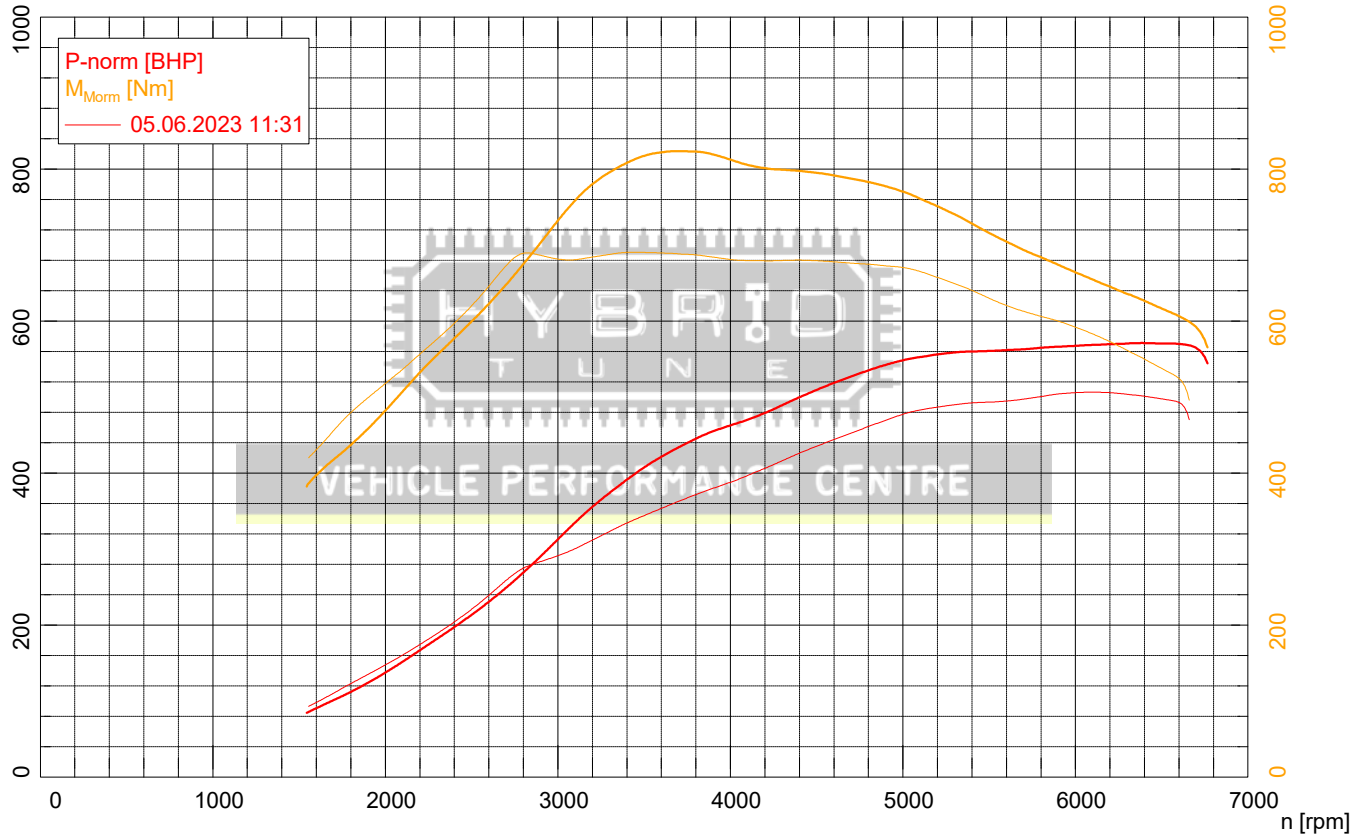
Vehicle type: Porsche Panamera V8 Turbo
License plate:
Inspector: MW

Otto-Motor / Turbo charger (air-cooled)
Manual transmission
4 wheel drive

Hybrid Tune Cal

Measurement date: 05.06.2023 (12:11)

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Power data

Corrected power ¹⁾	P_{Norm}	570,7 BHP / 419,8 kW
Engine power	P_{Eng}	572,9 BHP / 421,3 kW
Wheel power	P_{Wheel}	477,6 BHP / 351,3 kW
Drag power	P_{Drag}	95,3 BHP / 70,1 kW
Max. power at		6385 rpm / 194,2 km/h
Torque ¹⁾	M_{Mom}	823,0 Nm
Max. Torque at		3670 rpm / 111,6 km/h
Max. attained RPM		6765 rpm / 205,9 km/h

¹⁾ Correction acc. to DIN 70020
Correction factors: $Q_v = 0,00 \%$

Ambient data

Ambient temperature	$T_{Ambient}$	21,3 °C
Intake air temperature	$T_{Intake\ air}$	21,1 °C
Relative humidity	H_{Air}	87,3 %
Air pressure	p_{Air}	1018,7 hPa
Steam pressure	p_{Steam}	22,1 hPa
Oil temperature	T_{Oil}	---,- °C
Fuel temperature	T_{Fuel}	---,- °C

Slip

Speed no load	$V_{no\ load}$	---,- km/h
RPM no load	$n_{no\ load}$	---,- rpm
Speed full load	$V_{full\ load}$	---,- km/h
RPM full load	$n_{full\ load}$	---,- rpm
Slip		---,- %

Rotating mass

a_{1-FA}	---,- m/s ²	a_{1-RA}	---,- m/s ²
F_{1-FA}	---,- N	F_{1-RA}	---,- N
a_{2-FA}	---,- m/s ²	a_{2-RA}	---,- m/s ²
F_{2-FA}	---,- N	F_{2-RA}	---,- N
$F_{rot-total-FA}$	---,- N	$F_{rot-total-RA}$	---,- N
$m_{rot-total-FA}$	330,0 kg	$m_{rot-total-RA}$	355,0 kg
$m_{rot-dyno-FA}$	260,0 kg	$m_{rot-dyno-RA}$	285,0 kg
$m_{rot-vehicle-FA}$	70,0 kg	$m_{rot-vehicle-RA}$	70,0 kg