

SAE Power Certification

Form J2723 B

MANUFACTURER: Ford Motor Company

ENGINE: 5.0I DOHC V8

MODEL YEAR & VEHICLE APPLICATION: 2015 Mustang S550 (91 RON Calibration)
 Regular fuel - base calibration

TEST STANDARD: SAE J1349

TEST LOCATION: Ford Dynamometer Cell 9A

ENGINE SERIAL NUMBER: FG-398-AA-E1520 2210130481

TEST/RUN NUMBER: 34

RESULTS:

The engine described herein was tested on 2/5/2014 according to the requirements prescribed in SAE J1349, Engine Power Test Code in the presence of a qualified SAE witness and was determined to produce the following results:

Parameter	Rated Speed	Rated Output	Measured Speed	Measured Output	% Difference
Power (hp/kW)	6500	430/321	6500	434/324	0.9
Torque (lb-ft/Nm)	4250	395/536	4250	398/539	0.8

Robert E Seiter

Robert E. Seiter P.E.
 SAE Certified Witness, Date

February 5, 2014

APPROVALS:

The manufacturer declares that the engine tested for this report is representative of engines in series production. The manufacturer further declares that the performance of engines in series production will characteristically fall within 2% of the rated torque and power values indicated in this report.

[Signature] *DIRECTOR - GLOBAL ENGINE* *06 MAR 2014*
 Name Title Date
DAVID KILPE



Documents

Document Sharing Hub

SAE J2723 AUG2007
WOT ENGINE POWER PLOT (AS TESTED)

VCA - Vehicle Certification Agency
Report/Job Number
USP293810

Net Engine Power & Torque in Accordance with SAE J1349 (AUG2004) & Certified in Accordance with SAE J2723 (FEB2005)

RPM	1000.0	1500.0	2000.0	2500.0	3000.0	3500.0	4000.0	4250.0	4500.0	5000.0	5500.0	6000.0	6250.0	6500.0	6750.0
Corrected Net Power (kW)	28.4	55.5	82.6	114.2	139.7	180.0	218.8	240.1	248.4	280.0	294.9	310.2	319.2	323.7	317.7
Corrected Net Torque (Nm)	271.6	353.6	394.4	436.1	444.6	491.2	522.3	539.4	527.0	534.8	512.1	493.7	487.7	475.5	449.5
RPM	1000.0	1500.0	2000.0	2500.0	3000.0	3500.0	4000.0	4250.0	4500.0	5000.0	5500.0	6000.0	6250.0	6500.0	6750.0
Corrected Net Power (hp)	38.1	74.5	110.8	153.1	187.3	241.4	293.4	322.0	333.1	375.5	395.5	416.0	428.0	434.1	426.1
Corrected Net Torque (lb-ft)	200.3	260.8	290.9	321.6	327.9	362.3	385.2	397.9	388.7	394.5	377.7	364.1	359.7	350.7	331.5

