

SAE J2723 Revised Sep 2015

SAE Power Certification

Form J2723 B

MANUFACTURER: Ford Motor Company

ENGINE: 5.0L PFI/DI TiVCT

MODEL YEAR & VEHICLE APPLICATION: 2018 Mustang GT (98 RON Calibration)
(Automatic Transmission / Convertible Exhaust)

TEST STANDARD: SAE J1349

TEST LOCATION: Ford Dynamometer Cell 18E

ENGINE SERIAL NUMBER: KB-533-AATTKST WOEP0503-AA

TEST/RUN NUMBER: AQ0300 / 016

RESULTS:

The engine described herein was tested on 13 June 2017 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)	7000	460/343	7000	464/346	-0.9
Torque (lb.ft / Nm)	4600	420/569	4600	416/564	0.9

Dynamometer test points established from transient vehicle testing.
Reported data results corrected using measured mechanical efficiency.

APPROVALS:

Lindsay Harding

Lindsay Harding

SAE Certified Witness

Date: 6 Sep. 2017

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 be at least 98% of the rated torque and power values indicated in this report.

R. Dandy

Name

Chief Engineer

Title

20 Dec 2017

Date



Documents

Document Sharing Hub

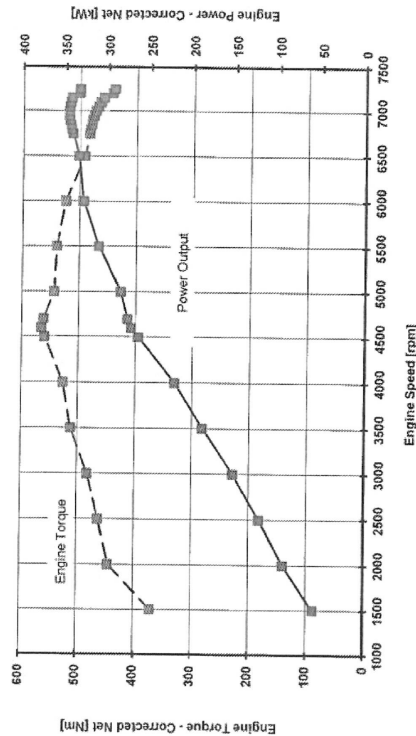
SAE J2723 AUG2007 WOT ENGINE POWER PLOT (AS TESTED)

Report / Job Number: TR-SAE-EP-UST393766-002

Net engine power and torque in accordance with SAE J1349 (Nov 2011) and certified in accordance with SAE J2723 (Aug 2008).

RPM	1500	2000	2500	3000	3500	4000	4500	4850	5499	5999	6499	6749	6799	6849	6899	6949	6999	7049	7099	7149	7199	7249
Corrected Net Power (kW)	59.3	93.1	121.2	151.5	187.5	220.3	263.2	271.7	275.1	284.2	310.2	328.8	334.3	343.1	343.9	345.3	345.8	346.1	345.4	344.3	343.0	333.6
Corrected Net Torque (Nm)	371.1	444.6	462.8	482.4	511.7	526.1	558.5	564.1	561.0	542.8	538.6	523.3	491.2	462.8	481.9	479.4	475.2	472.1	467.9	458.1	442.9	436.4
RPM	1500	2000	2500	3000	3500	4000	4500	4850	5499	5999	6499	6749	6799	6849	6899	6949	6999	7049	7099	7149	7199	7249
Corrected Net Power (hp)	78.2	124.9	162.5	203.2	251.5	295.5	352.9	364.4	370.2	381.1	416.0	440.9	448.3	457.6	460.1	461.1	463.0	463.2	461.7	459.6	447.8	434.1
Corrected Net Torque (lb-ft)	273.7	327.9	341.4	355.6	377.4	388.0	411.9	415.0	413.8	400.4	397.2	380.0	352.3	356.1	355.4	353.6	352.5	348.2	345.1	341.6	337.9	324.1

Ford Motor Company
5.0L PFIDI TVCT
2018 Ford Mustang GT
Premium (98 RON) Fuel, Transient Test Points



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