

SAE Power Certification
Form J2723 B
J2723 Aug2007

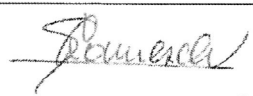
SAE J1349
Certified Power™

Manufacturer Name	General Motors Global Propulsion Systems
Address:	850 North Glenwood Ave
City:	Pontiac
State	MI
Country:	USA
Postal Code	48340
Engine:	Small Block V8 LT5 Y1XX
Type of Certification:	Single Engine Certification
Model Year & Vehicle	2019 Chevrolet Corvette LT5, MEK,
Application(s).	M5U; 93 Octane PON; Base Backpressure
Test Standard:	J1349: Sept2011, SAE
Test Location:	Pontiac Dyno Lab Test Cell D112
Engine Serial Number:	N9T5Y631 AP
Test/Run Number:	2017-08-02- 00001/E_F5_ENG_J1349.135466, E_F5_ENG_J1349.134593, E_F5_ENG_J1349.134604
Test Date:	20October2017

RESULTS:

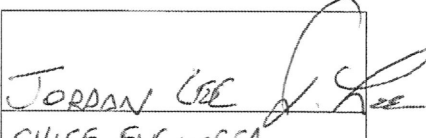
The engine described herein was tested on 20October2017 according to the requirements prescribed in J1349: Sept2011, SAE, Engine Power Test Code in the presence of a qualified SAE Witness, and was determined to produce the following results:

Parameter	Rated	Rated	Measured	Measured	% Difference
	Speed	Output	Speed	Output	
Power (hp)	6300	755	6300.00	751.52	0.46276106
Torque (lb-ft)	4400	715	4400.00	718.87	-0.5378926

Witness  G. Lamesch
Date 10/25/2017

APPROVALS:

The manufacture 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 on this report.

Name: 
Title: CHIEF ENGINEER
Date: 1-4-2018

SAE J2723 AUG2007
WOT ENGINE POWER PLOT (AS TESTED)

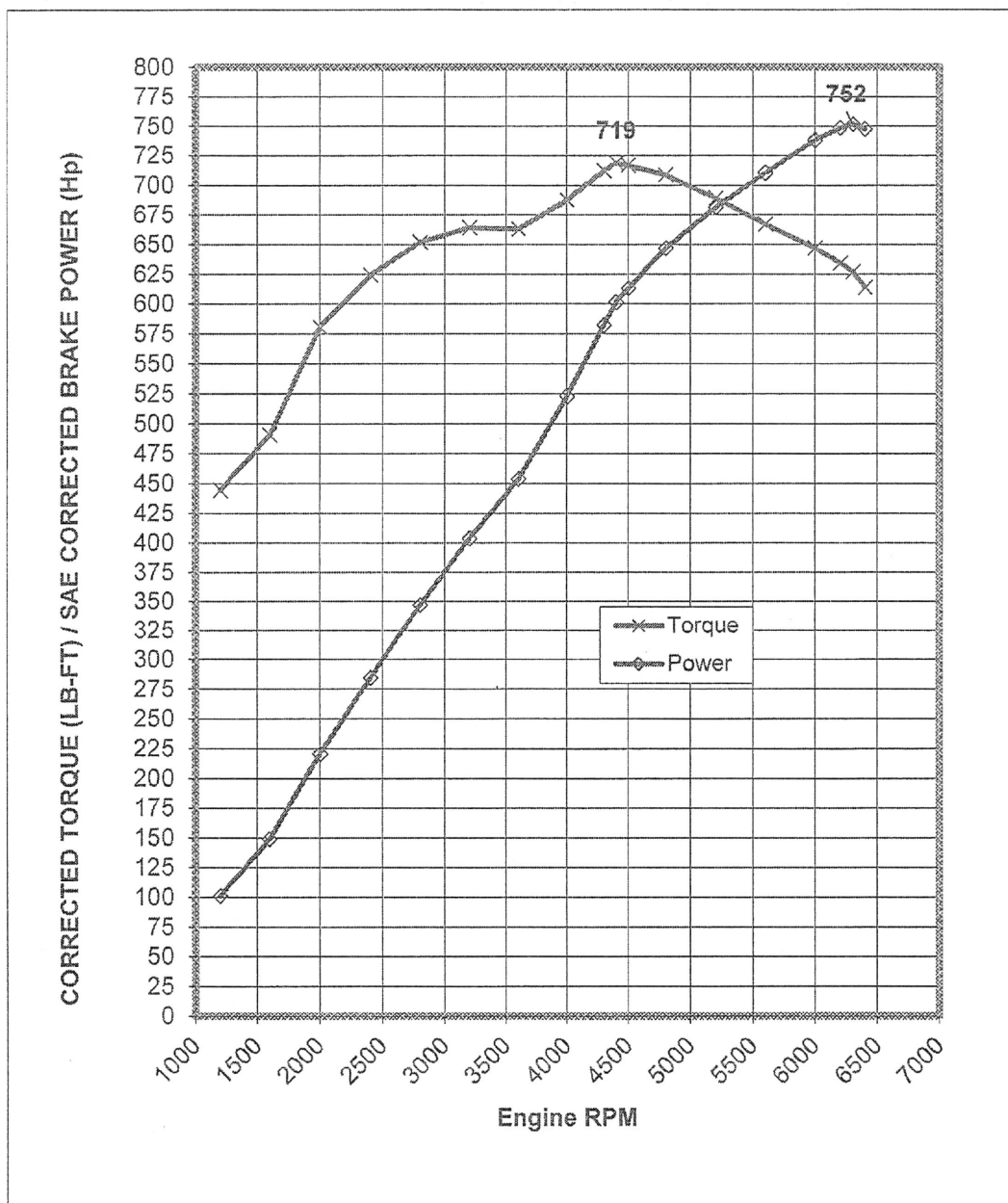
WOT Engine Power Plot LT5

General Motors Global Propulsion Systems

6162 (cc) / OHV / 90deg V8

2019 Chevrolet Corvette LT5, MEK, M5U;

93 Octane PON; Base Backpressure



SAE J2723 AUG2007
SAE POWER CERTIFICATION FORM J2723 A
ENGINE DESCRIPTION (AS TESTED):

SAE Power Certification Form J2723 A		SAE J1349 Certified Power™
J2723		
ENGINE DESCRIPTION - Data Entry Form		
Description	Value (Enter Values)	Units
Displacement:	6162	cc
Configuration/Number of Cylinders:	90deg V8	
Valve Train:	OHV	
Type:	Gasoline	
Combustion Cycle:	Four Stroke	
Pressure Charging:	Supercharger	
Charge Air Cooling:	Yes	
Bore (mm)	103.25	mm
Stroke (mm)	92	mm
Cylinder Numbering Convention	From front of crank nose rearward	
Firing Order:	1-8-7-2-6-5-4-3	
Compression Ratio:	10.0:1	
Fuel System:	Direct Fuel Injection	
Fuel System Pressure	Supplied 500 kPa	
Ignition System:	Electronic Spark Ignited Coil on Plug	
Knock Control:	Dual Wide-Band Knock Sensors	
Intake Manifold:	Plastic	
Exhaust Manifolds:	Cast Stainless Steel	
Cooling System:	Forced flow liquid cooling	
Coolant Liquid:	50% Water and 50% Havoline Dexcool	
Thermostat:	Outlet side-blocked open	
Cooling Fan	Electrical	
Lubricating Oil:	Dexos 0W-40	
Fuel:	Baseline (93 PON)	
Fuel Shut Off Speed:	6600	RPM
Notes:	ECU: E99 Software: e889099_a181913201ga Calibration: e889099_a181913201ga_DT_137a_MY19_Y1x x_LT5_MEK_GPJ_CTC_COT OFF_ESC OFF_PE ON_AS1_SAE Cert_Rev01 Engine Build Phase: 2015 LT5 Pilot Exhaust: Base Backpressure (3) 10 second stabilization J1349s	