

SAE Power Certification
Form J2723 B

J2723 Aug2007

SAE J1349
Certified Power™

Manufacturer Name	General Motors
Address:	800 N Glenwood Ave
City:	Pontiac
State	MI
Country:	USA
Postal Code	48340
Engine:	L3B - I4
Model Year & Vehicle	MY2019 - T1XX; Chevrolet
Application(s)	Silverado; GMC Sierra
Test Standard:	J1349:Sep2011
Test Location:	Pontiac Dyno Lab Test Cell D224
Engine Serial Number:	N93BY407:2018-04-10-00003
Test/Run Number:	E_F5_ENG_J1349,150535

RESULTS:

The engine described herein was tested on April 26, 2018 according to the requirements prescribed in J1349:Sep2011, 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)	5600	310 / 231	5600	310.4 / 231.5	0.13%
Torque (ft-lbs/Nm)	1500-4000	348 / 472	1500-4000	Min: 345.0 / 467.8 Max: 355.5 / 482.2	Min: -0.86% Max: 2.15%



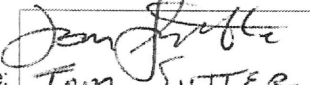
SAE Certified Witness R. Limpach

Date April 26, 2018

APPROVALS:

General Motors declares that the engine tested for this report is representative of engines in series production. General Motors 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:


Tom SUTTER

Title:

CHIEF ENGINEER - CSS

Date:

5/9/18

Authorization Date:

5/9/18

**SAE J2723 AUG2007
WOT ENGINE POWER PLOT (AS TESTED)**

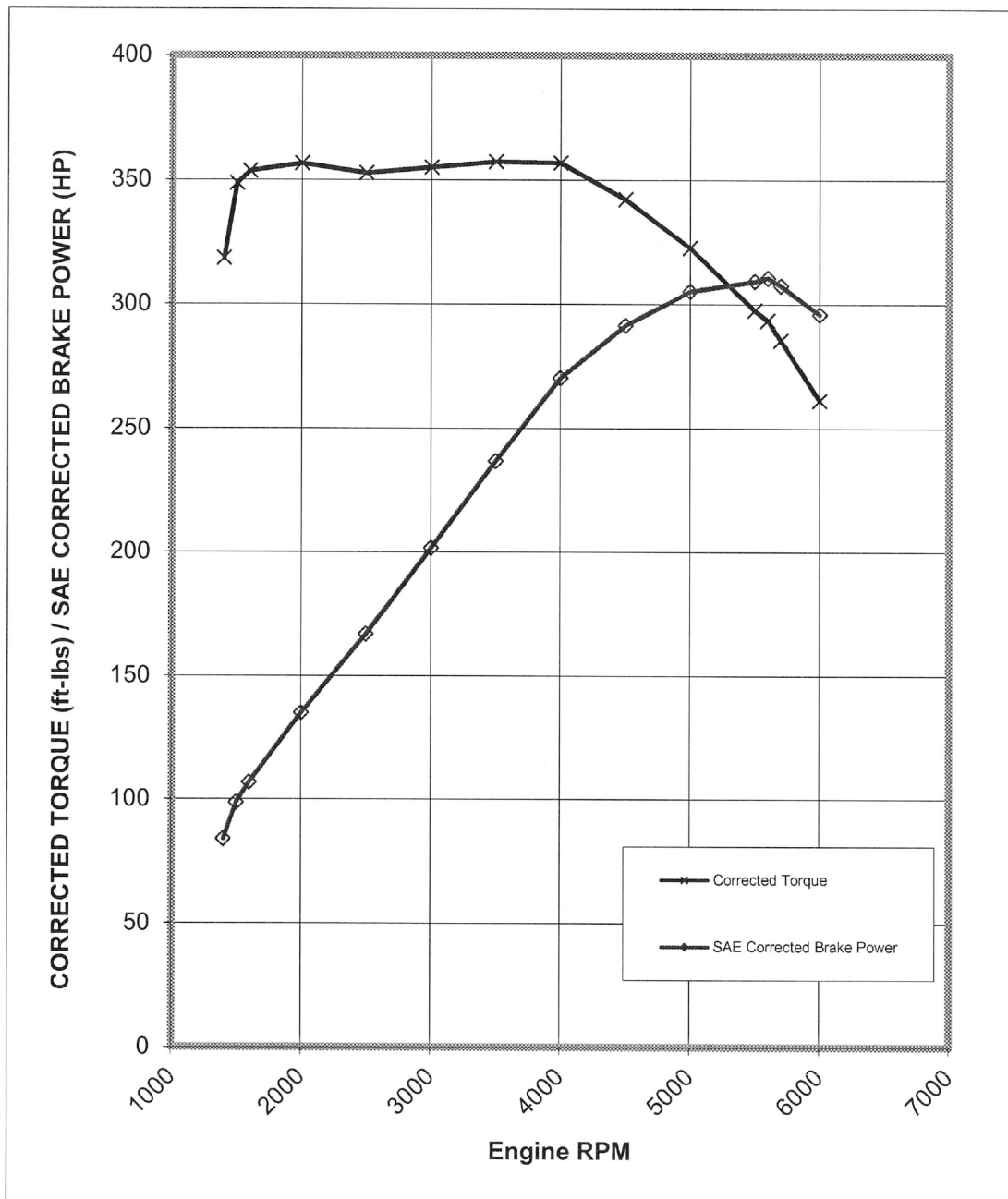
WOT Engine Power Plot

J2723 Aug2007

General Motors

2726 (cc) / DOHC / I4

MY2019 - T1XX; Chevrolet Silverado;
GMC Sierra



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 (cc)	2726	cc
Configuration/Number of Cylinders:	I4	
Valve Train:	DOHC	
Type:	Gasoline	
Combustion Cycle:	Four Stroke	
Pressure Charging:	Turbo Charged	
Charge Air Cooling:	Air-Cooled Charge Air Cooler	
Bore (mm)	92.25	mm
Stroke (mm)	102	mm
Cylinder Numbering Convention	Front (accessory drive) to rear (flex plate)	
Firing Order:	1,3,4,2	
Compression Ratio:	10:1	
Fuel System:	Direct Injection	
Fuel System Pressure	20 MPa	
Ignition System:	Spark Ignited	
Knock Control:	Dual Knock Sensors	
Intake Manifold:	Passive Two Shell Plastic Molding	
Exhaust Manifolds:	Integrated with Cylinder Heads - Aluminum	
Cooling System:	600W Electric Coolant Pump	
Coolant Liquid:	50% Water / 50% DEX-COOL	
Thermostat:	Active Thermal Management	
Cooling Fan	Electric	
Lubricating Oil:	DEXOS I GEN2 5W30	
	Test Fuel: Premium (93 PON)	
	Customer Recommended Fuel: Regular (87 PON)	
Fuel:		
Fuel Shut Off Speed:	6100	RPM
Notes:	Engine build phase: Pilot Calibration File: CPKNTXXX_13604_Rev84_100%_New Fuel Rail_Dyno_ATMOFF_SAE Cert_3Nm.ptp Software File: CPKNTXXX_13604_Rev84_Software_SAE Cert. a2l	