



Global Propulsion Systems General Motors
Global Propulsion Systems
Engine Engineering – Bldg C
895 Joslyn Ave
Pontiac, MI 48340

March, 15, 2016

Mr. Gary Pollak
SAE
400 Commonwealth Drive
Warrendale, PA 15096

Gary,

For the 2016 Model Year, General Motors will introduce the Chevrolet Silverado and GMC Sierra Light Duty Pickups with the Regular Production Option (RPO) L8B engine. This new RPO (L8B) is the same as the RPO L83 engine except for minor accessory drive changes to accommodate a hybrid Motor Generator Unit (MGU) in place of the generator. The L83 engine was previously SAE certified via witness testing for the 14 MY Chevrolet Silverado and GMC Sierra Light Duty Pickups. As the engines are essentially identical except for the MGU, the SAE ratings from the original L83 are being carried over to the L8B.

Let me know if you have questions or require anything further in order to process this application for certification.

Thanks,

Development & Validation System Manager
Small Block V6 & V8 Engines
Email: Brad.Sevald @gm.com
Phone: 248-830-8526

Power

Manufacturer Name	General Motors Powertrain
Address:	895 Joslyn Rd
City:	Pontiac
State	MI
Country:	USA
Postal Code	48340
Engine:	Small Block V8 L83 & L8B K2XX
Type of Certification:	Single Engine Certification
Model Year & Vehicle Application(s)	2014/15/16 L83 & 2016 L8B Chevrolet Silverado and GMC Sierra Light Duty; E10 (87 octane)
Test Standard:	J1349: Sept2011, SAE, Non-standard test
Test Location:	Pontiac Dyno Lab Test Cell D204
Engine Serial Number:	P483G526AA
Test/Run Number:	2012-12-03-3737.2621 E F5 ENG J1349.150513
Test Date:	30Jan13

RESULTS:

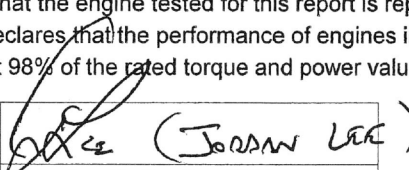
The engine described herein was tested on 30Jan13 according to the requirements prescribed in J1349: Sept2011, SAE, Non-standard test, Engine Power Test Code in the presence of a qualified SAE Witness, and was determined to produce the following results:

Parameter	Rated Speed	Rated Output	Measured Speed	Measured Output	% Difference
Power (hp)	5600	355	5600	354.04	0.2711558
Torque (lb-ft)	4100	383	4100	382.46	0.14119124

Witness 
Date 7-Feb-13

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:  (JORDAN LEE)
Title: CHIEF ENGINEER
Date: 3-28-16