SAE Power Certification
Form J2723 B

Manufacturer Name	**General Motors Powertrain**
Address:	30003 Van Dyke Ave.
City:	Warren
State	MI
Country:	United States
Postal Code	48090
Engine:	2.4L LE5 Ecotec
Type of Certification:	Single Engine Certification
Model Year & Vehicle Application(s).	2008 Chevrolet Cobalt (GMX001) LE5 ECOTEC Engine
Test Standard:	J1349:Aug2004
Test Location:	Powertrain Warren Dyno lab W05N
Engine Serial Number:	P8E5G204AJ
Test/Run Number:	X001T1, X001T2, X001T3
Test Date:	5-02-2007

RESULTS:

The engine described herein was tested on 5-02-2007 according to the requirements prescribed in J1349:Aug2004, 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)	5800	171	5816.5	170.2	0.486
Torque (lb-ft)	4500	167	4409.4	165.4	0.981

SAE Certified Witness	G. Lamesch
Date	6/13/2007

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 fall within 2% of the rated torque and power values indicated on this report.

Name:	
Title:	Asst. Chief Engineer
Date:	6/15/2007

Documents
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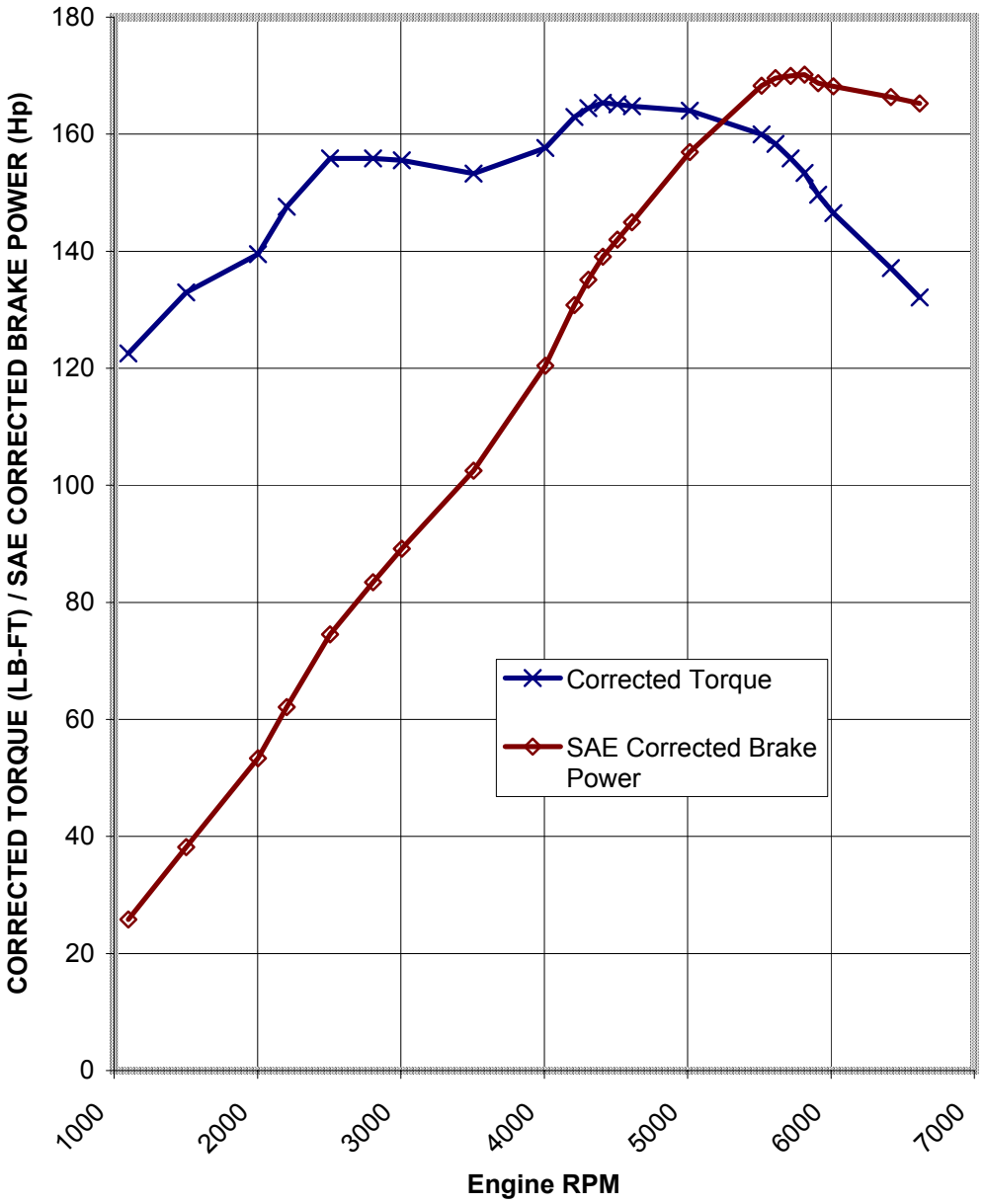
Full document details: SAE CPGM1_08LE5COBA

WOT ENGINE POWER PLOT (as tested)

General Motors Powertrain

2384 (cc) / DOHC - VVT (Variable Valve Timing) / I4

2008 Chevrolet Cobalt (GMX001) LE5
ECOTEC Engine



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