Report On
Sequence IIIG Evaluation

Version IIIG VERSION 20060209 BETA

Conducted For
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

C	V = Valid
	I = Invalid
	N = Results Cannot Be Interpreted As Representative Of Oil Performance (Non-Reference Oil) And Shall Not Be Used For Multiple Test Acceptance

CC	NR = Non-Reference Oil Test
	RO = Reference Oil Test

Test Number					
Test Stand	CCCCC	Stand Test	CCCC	Lab Test	CCCCC
Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC				
Formulation/Stand	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC				
Alternate Codes	CCCCCCCCCCCCCCCC	CCCCCCCCCCCCCCCC		CCCCCCCCCCCCCCCC	
EOT Date	YYYYMMDD	EOT Time		HH:MM	

In my opinion this test CCCCCCC conducted in a valid manner in accordance with the latest draft of Sequence IIIG procedure and the appropriate amendments through the information letter system. The remarks included in the report describe the anomalies associated with this test.

Submitted By: CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

Testing Laboratory

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

Signature

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

Typed Name

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

Title

Form 2

Sequence IIIG

Table of Contents

Sequence IIIG

Form 3

Summary of Test Method

The Sequence IIIG Test is a fired-engine, dynamometer lubricant test for evaluating automotive engine oils for certain high-temperature performance characteristics, including oil thickening, varnish deposition, oil consumption, and engine wear. Such oils include both single viscosity grade and multi-viscosity grade oils that are used in spark-ignition, gasoline-fueled engines, as well as diesel engines. The Sequence IIIG Test utilizes a 1996 General Motors Powertrain 3800 Series II, water-cooled, 4 cycle, V-6 engine as the test apparatus. The Sequence IIIG test engine is an overhead valve design (OHV) and uses a single camshaft operating both intake and exhaust valves via pushrods and hydraulic valve lifters in a sliding-follower arrangement. The engine uses one intake and one exhaust valve per cylinder. Induction is handled by a modified GM port fuel injection system setting the Air-to-Fuel ratio at 15:1. The test engine is overhauled prior to each test, during which critical engine dimensions are measured and rated or measured parts (pistons, camshaft, valve lifters, etc.) are replaced.

The Sequence IIIG Test consists of a 10-minute operational check, followed by 100 hours of engine operation at moderately high speed, load, and temperature conditions. The 100-hour segment is broken down into five 20-hour test segments. Following each 20-hour segment, and the 10-minute operational check, oil samples are drawn from the engine. The kinematic viscosities of the 20-hour segment samples are compared to the viscosity of the 10-minute sample to determine the viscosity increase of the test oil.

The Sequence IIIG Test is operated at the following test states during the 100-hour portion of the test:

Parameter	Set Point
Engine Speed	3600 r/min
Engine Load	250 N-m
Oil Filter Block Temperature	150 °C
Coolant Outlet Temperature	115 °C
Fuel Pressure	377.5 kPa
Intake Air Temperature	35 °C
Intake Air Pressure	0.05 kPa
Intake Air Dew Point	16.1 °C
Exhaust Back Pressure	6 kPa
Engine Coolant Flow	160 L/min
Breather Tube Coolant Flow	10 L/min
Air-to-Fuel Ratio	15.0:1
Condenser Coolant Outlet Temperature	40 °C

Sequence IIIG
Form 4

Test Result Summary

Lab	CC	Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Stand	CCCCC	Test No.	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Laboratory Oil Code	CCCCCCCCCCCCCCCCCCCC		
Formulation Stand Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		

Date Started	YYYYMMDD	Engine No.	CCCCCCCCCCCCCCC
Time Started	HH:MM	Fuel Batch	CCCCCCCCCCCCCCC
Date Completed	YYYYMMDD	SAE Viscosity	CCCCCCC
Time Completed	HH:MM	TMC Oil Code[A]	CCCCCC
Test Length	S1234		

Pass/Fail Results

	Viscosity Increase (%)	Average Cam + Lifter Wear (µm)	Average Weighted Piston Deposits (merits)
Original Units	S1234.12	S1234.1	S12.12
Transformed Results[B]	S12.123456	S1.1234	
Industry Correction Factor	S12.123456	S1.1234	S1.1234
Corrected Transformed	S12.123456	S1.1234	
Severity Adjustment	S12.123456	S1.1234	S1.1234
Final Transformed Result	S12.123456	S1.1234	
Final Original Unit Result	S1234.1	S1234.1	S12.12

Additional Results

Oil Consumption Hours, h [C]	S12	Oil Consumption, L	S12.12
Maximum Cam + Lifter Wear, µm	S12345	Number of Cold-Stuck Rings	S12
Average Oil Ring Plugging, %	S1234	Number of Hot-Stuck Ring	S12
Average Piston Varnish, merits	S12.12		

Most Recent Stand Reference Oil Test History[D]

Test Number	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		
Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		
Date Completed	YYYYMMDD	TMC Oil	CCCCCC
Final Viscosity Increase, %	S1234.1	Fuel Batch	CCCCCCCCCCCCCCC
Final Average Cam + Lifter Wear, µm	S1234.1		
Final Average Weighted Piston Deposit, merits	S12.12		
Maximum Cam + Lifter Wear, µm	S12345		

[A]Reference Oil Tests Only
[B]Viscosity Increase uses LN(PVIS), Average Cam + Lifter Wear uses LN(ACLW), Weighted Piston Deposits does not use a transformation
[C]Test Hours at which Oil Consumption was calculated
[D]Non-Reference Oil Tests Only

Sequence IIIG

Form 5

Operational Summary

Lab	CC	Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Stand	CCCCC	Test No.	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Laboratory Oil Code	CCCCCCCCCCCCCCCCCCCC		
Formulation Stand Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		

	Parameter	Units	QI Threshold	EOT QI	Target	Average	Standard Deviation	Number of Samples	Number of BQD
Controlled Parameters	Speed	r/min	0.000	S12.123	3600	S12345	S12.123	S12345	S12345
	Load	Nm	0.000	S12.123	250	S12345	S12.123	S12345	S12345
	Oil Filter Block	°C	0.000	S12.123	150.0	S12345	S12.123	S12345	S12345
	Engine Coolant Out	°C	0.000	S12.123	115.0	S123.1	S12.123	S12345	S12345
	Condenser Coolant Out	°C	0.000	S12.123	40.0	S123.1	S12.123	S12345	S12345
	Left Air-to-Fuel		0.000	S12.123	15.0	S12.1	S12.123	S12345	S12345
	Right Air-to-Fuel		0.000	S12.123	15.0	S12.1	S12.123	S12345	S12345
	Left Exhaust Back Pressure	kPa	0.000	S12.123	6.0	S1.12	S12.123	S12345	S12345
	Right Exhaust Back Pressure	kPa	0.000	S12.123	6.0	S1.12	S12.123	S12345	S12345
	Intake Air	kPa	0.000	S12.123	0.05	S1.12	S12.123	S12345	S12345
	Engine Coolant Flow	L/min	0.000	S12.123	160.0	S123.1	S12.123	S12345	S12345

	Parameter	Units	Average	Standard Deviation	Number of Samples	Number of BQD
Non-controlled Parameters	Oil Sump	°C	S123.1	S12.123	S12345	S12345
	Pump Outlet Pressure	kPa	S123.1	S12.123	S12345	S12345
	Gallery Pressure	kPa	S1234	S12.123	S12345	S12345
	Engine Coolant In	°C	S1234	S12.123	S12345	S12345
	Fuel Inlet	°C	S12345	S12.123	S12345	S12345
	Intake Air	°C	S12345	S12.123	S12345	S12345
	Intake Air Dew Point	°C	S123.1	S12.123	S12345	S12345
	Intake Vacuum	kPa	S12345	S12.123	S12345	S12345
	Crankcase	kPa	S1.123	S12.123	S12345	S12345
	Fuel Pressure	kPa	S1234	S12.123	S12345	S12345

Oil Consumption Data						
Hours	Initial Run-in	S12	S12	S12	S12	S12
Level (ml) low	S123	S123	S123	S123	S123	S123
Total Oil Consumed (L)		S12.12	S12.12	S12.12	S12.12	S12.12

NO_x Measurement			
Hours	S12	S12	S12
NO_x, ppm	S12345	S12345	S12345

Sequence IIIG

Form 6

Used Oil Analysis Results

Lab	CC	Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Stand	CCCCC	Test No.	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Laboratory Oil Code	CCCCCCCCCCCCCCCCCCCCC		
Formulation Stand Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		

Viscosity Increase Data (cSt at 40°C)			
Hours	Viscosity[A]	Change	Percent
New Oil	S1234.12		
Initial[B]	S1234.12		
S12	S1234.12	S1234.12	S1234.12
S12	S1234.12	S1234.12	S1234.12
S12	S1234.12	S1234.12	S1234.12
S12	S1234.12	S1234.12	S1234.12
S12	S1234.12	S1234.12	S1234.12
S1234	S1234.12	S1234.12	S1234.12

Results of ICP Analysis of Used Oil			
Hours	Iron	Copper	Lead
Initial	S12345	S12345	S12345
S12	S12345	S12345	S12345
S12	S12345	S12345	S12345
S12	S12345	S12345	S12345
S12	S12345	S12345	S12345
S12	S12345	S12345	S12345
S1234	S12345	S12345	S12345

[A] 8000 cSt is maximum allowable viscosity
[B] At end of leveling run

Sequence IIIG

Form 7

Valve Lifter and Camshaft Wear Results

Lab	CC	Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Stand	CCCCC	Test No.	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Laboratory Oil Code	CCCCCCCCCCCCCCCCCCCCC		
Formulation Stand Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		

Number	Camshaft Lobe, µm	Valve Lifter, µm	Cam & Lifter Wear, µm
1	S1234	S1234	S1234
2	S1234	S1234	S1234
3	S1234	S1234	S1234
4	S1234	S1234	S1234
5	S1234	S1234	S1234
6	S1234	S1234	S1234
7	S1234	S1234	S1234
8	S1234	S1234	S1234
9	S1234	S1234	S1234
10	S1234	S1234	S1234
11	S1234	S1234	S1234
12	S1234	S1234	S1234
Maximum	S1234	S1234	S12345
Minimum	S1234	S1234	S12345
Average	S1234	S1234	S1234.1

Sequence IIIG

Form 8

Summary of Oil Ring Land Deposit Rating

Lab	CC	Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Stand	CCCCC	Test No.	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Laboratory Oil Code		CCCCCCCCCCCCCCCCCCCC	
Formulation Stand Code		CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	
Rater		CCC	Rating Date YYYYMMDD

Piston	Oil Ring Land Deposit, Merits	% Chipped
1	S12.12	S1234
2	S12.12	S1234
3	S12.12	S1234
4	S12.12	S1234
5	S12.12	S1234
6	S12.12	S1234
Average	S12.12	S1.12

Piston	% Oil Ring Plugging	Ring Sticking[A]	
		Hot-Stuck Rings	Cold-Stuck Rings
1	S1234	CCC	CCC
2	S1234	CCC	CCC
3	S1234	CCC	CCC
4	S1234	CCC	CCC
5	S1234	CCC	CCC
6	S1234	CCC	CCC
Total		S12	S12
Average	S1234		

[A] Possible values
T = top compression ring
B = bottom compression ring
O = oil ring
N = none

Sequence IIIG

Form 9

Summary of Piston Deposits

Lab	CC	Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Stand	CCCCC	Test No.	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Laboratory Oil Code	CCCCCCCCCCCCCCCCCCCCCC		
Formulation Stand Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		
Rater	CCC	Rating Date	YYYYMMDD

Note: CRC Manual 20 used for ALL Ratings

NOTE: These are un-weighted ratings

	Grooves, merits			**Lands, merits**		**Undercrown, merits**
	1	2	3	2	3	
Piston 1	S12.12	S12.12	S12.12	S12.12	S12.12	S12.12
Piston 2	S12.12	S12.12	S12.12	S12.12	S12.12	S12.12
Piston 3	S12.12	S12.12	S12.12	S12.12	S12.12	S12.12
Piston 4	S12.12	S12.12	S12.12	S12.12	S12.12	S12.12
Piston 5	S12.12	S12.12	S12.12	S12.12	S12.12	S12.12
Piston 6	S12.12	S12.12	S12.12	S12.12	S12.12	S12.12
WF	0.05	0.10	0.20	0.15	0.30	0.10

Note: These are un-weighted ratings

	Piston Skirt Varnish, merits		
	Thrust	**Anti-Thrust**	**Average**
Piston 1	S12.12	S12.12	S1.12
Piston 2	S12.12	S12.12	S1.12
Piston 3	S12.12	S12.12	S1.12
Piston 4	S12.12	S12.12	S1.12
Piston 5	S12.12	S12.12	S1.12
Piston 6	S12.12	S12.12	S1.12
Average	S12.12	S12.12	S12.12
WF			0.10

PSVAVx = (PSVTx + PSVAx)/2 where x = Number of Piston
PSVTAV = average of six Thrust Piston Skirt ratings.
PSVAAV = average of six Anti-Thrust Piston Skirt ratings.
APV = average of all 12 Piston Skirt ratings.

	Total Weighted Deposits, merits
Piston 1	S12.12
Piston 2	S12.12
Piston 3	S12.12
Piston 4	S12.12
Piston 5	S12.12
Piston 6	S12.12

WPDx = (WF*G1Px)+(WF*G2Px)+(WF*G3Px)+ (WF*L2Px)+ (WF*ORLDx)+(WF*UCPx)+(WF*PSVAVx)
where: x = Number of Piston
WF = Appropriate Weighting Factor (WF) for part, from table.

Average Weighted Piston Deposits, merits	S12.12

WPD = (WPD1+WPD2+WPD3+WPD4+WPD5+WPD6)/6

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Form 10
Blowby Values & Plot

Lab	CC	Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Stand	CCCCC	Test No.	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Laboratory Oil Code		CCCCCCCCCCCCCCCCCCCC	
Formulation Stand Code		CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	

Blowby Plot

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

Test Hours	S12	S12	S12	S12	S12	S12	S12	S12	S12	S12
Blowby, L/min.	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1
Test Hours	S12	S12	S12	S12	S12	S12	S12	S12	S12	S12
Blowby, L/min.	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1
Test Hours	S12	Average								
Blowby, L/min.	S12.1	S12.1								

Sequence IIIG

Form 11

Viscosity Increase Plot

Lab	CC	Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Stand	CCCCC	Test No.	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Laboratory Oil Code		CCCCCCCCCCCCCCCCCCCC	
Formulation Stand Code		CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

Sequence IIIG

Form 12

Hardware Information

Lab	CC	Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Stand	CCCCC	Test No.	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Laboratory Oil Code	CCCCCCCCCCCCCCCCCCCC		
Formulation Stand Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		

Build Completion Date	YYYYMMDD	Piston Batch (Code)		CCCCC
Block Serial Number	CCCCCC	Piston Size (Grade)		CC
Crankshaft Serial Number	CCCCC	Piston Ring Batch Code		CCCCC
Camshaft Serial Number	CCCCCCCC	Oil Filter Batch Code		CCCCC
Camshaft Batch Code	CCCCCC	Oil Cooler Batch Code		CCCCCC
Cylinder Head Serial Number, Left	CCCCCCCCCCC	Valve Springs Batch Code		CCCCC
Cylinder Head Serial Number, Right	CCCCCCCCCCC	Lifter Serial Number	1	CCCCCCCC
Bearing Kit Serial Number	CCCCCC		2	CCCCCCCC
Top Ring Gap, mils	S12		3	CCCCCCCC
Bottom Ring Gap, mils	S12		4	CCCCCCCC
Intake Valve Seals Batch Code	CCCCC		5	CCCCCCCC
Exhaust Valve Seals Batch Code	CCCCC		6	CCCCCCCC
Rocker Arm Batch Code	CCCCC		7	CCCCCCCC
Connecting Rod Type (CAST or PM)	CCCC		8	CCCCCCCC
			9	CCCCCCCC
			10	CCCCCCCC
			11	CCCCCCCC
			12	CCCCCCCC

Sequence IIIG

Form 13

Downtime & Outlier Report Form

Lab	CC	Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Stand	CCCCC	Test No.	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Laboratory Oil Code		CCCCCCCCCCCCCCCCCCCC	
Formulation Stand Code		CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	

Number of Downtime Occurrences		S1	
Test Hours	Date	Downtime	Reasons
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
		HHH:MM	Total Downtime (hours) – Maximum allowable downtime: 24 hours

Other Comments		
Number of Comment Lines	S1	
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		
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Sequence IIIG

Form 13A

Downtime & Outlier Report Form

Lab	CC	Oil Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Stand	CCCCC	Test No.	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Laboratory Oil Code	CCCCCCCCCCCCCCCCCCCC		
Formulation Stand Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		

Number of Downtime Occurrences		S1	
Test Hours	Date	Downtime	Reasons
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
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HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
HHH:MM	YYYYMMD	HHH:MM	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
		HHH:MM	Total Downtime (hours) – Maximum allowable downtime: 24 hours

Other Comments	
Number of Comment Lines	S1
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	
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Sequence IIIG

Form 14
American Chemistry Council Code Of Practice
Test Laboratory Conformance Statement

Test Laboratory	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC				
Test Sponsor	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC				
Formulation / Stand Code	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC				
Test Number	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC				
Start Date	YYYYMMDD	Start Time	HH:MM	Time Zone	CCC

Declarations

No. 1 All requirements of the ACC Code of Practice for which the test laboratory is responsible were met in the conduct of this test. Yes __C__ No__C__ *

No. 2 The laboratory ran this test for the full duration following all procedural requirements; and all operational validity requirements of the latest version of the applicable test procedure (ASTM or other), including all updates issued by the organization responsible for the test, were met.
Yes __C__ No__C__*

If the response to this Declaration is "No", does the test engineer consider the deviations from operational validity requirements that occurred to be beyond the control of the laboratory? Yes __C__* No__C__

No 3. A deviation occurred for one of the test parameters identified by the organization responsible for the test as being a special case. Yes __C__* No__C__ (This currently applies only to specific deviations identified in the ASTM Information Letter System)

C	Operational review of this test indicates that the results should be included in the Multiple Test Acceptance Criteria calculations.
C	*Operational review of this test indicates that the results should not be included in the Multiple Test Acceptance Criteria calculations.

Note: Supporting comments are required for all responses identified with an asterisk.

Comments
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CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Signature

YYYYMMDD
Date

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Typed Name

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Title