CEC L-54 M111FE
Fuel Economy Improvement Test

Test Procedure Information

Test Procedure:	Issue:
Procedure Issue Date:	Data Dictionary Version:

FORMULATION STAND CODE:

Test Sponsor:

Test Number:	Test Stand:
Test Length:	SAE Viscosity:
DATE STARTED:	TIME STARTED:
OIL CODE:	

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VALIDITY STATEMENTS & TEST INFORMATION

Statement	Yes	No
Is Letter of Intent with ERC?		
Was the test properly registered?		
Was the test stand referenced in accordance with the C.O.P.?		
Was the test stand referenced in accordance with the C.O.P.? (Ref. tests)		
Is the outcome declared to be in accordance with the C.O.P?		
Valid and Completed, VCC.		
Is the outcome declared to be within acceptance bands?		
Valid and stopped by sponsor, VSC.		
Valid and Terminated, VTC. (comment required)		
Invalid and Completed, IC. (comment required)		
Invalid and Aborted, IA. (comment required)		

Validity Comments	
Test Validated By:	Date:

Fuel Information	Fuel Code:	Fuel Batch:
Fuel Supplier:		

Reference Test Information

Reference Oil 1 Test	Reference Oil 2 Test
Oil:	Oil:
Form:	Form:
Test Number:	Test Number:

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FORMULATION STAND CODE:
OIL CODE:

Primary Test Results

Parameter, units	Value
Percent Change, BL Ref vs Measurement 3, %	
Percent Change, Pre vs Post Test Reference Runs, %	
Standard Deviation for Total Fuel, Pre-Test BL Reference, g	
Standard Deviation for Total Fuel, Post-Test BL Reference, g	
Standard Deviation for Total Fuel, Candidate 3, g	

Secondary and Supporting Test Results

Parameter, units	Value	Parameter, units	Value
Baseline Reference Total Fuel Used, g		RL191 Batch Number	
Measurement 1 Candidate, Total Fuel Used, g		Engine Number	
Measurement 2 Candidate, Total Fuel Used, g		Cumulative Hours Run on Engine	
Measurement 3 Candidate, Total Fuel Used, g		Percent Change, BL Ref vs Measurement 1	
		Percent Change, BL Ref vs Measurement 2	
Pre-Test Reference Oil Variability SD, g		Measurement 3 Candidate Oil Summary Total Fuel Used, g	
20° C Phase		20° C Phase	
33° C Phase		33° C Phase	
75° C Phase		75° C Phase	
ECE 15 Phase		ECE 15 Phase	
EUDC Phase		EUCD Phase	
Measurement 3 Candidate Oil Variability SD, g		Measurement 3 Candidate Oil Summary, % FE	
20° C Phase		20° C Phase	
33° C Phase		33° C Phase	
75° C Phase		75° C Phase	
ECE 15 Phase		ECE 15 Phase	
EUCD Phase		EUCD Phase	
Engine Number		Engine Hours, cumulative	

Reference Oil Test Results

Parameter, units		
Ref. Oil Code		
Ref. Oil Batch		
Percent Change, BL Ref vs Measurement 3, %		
Percent Change, Pre vs Post Test Reference Runs, %		
Standard Deviation for Total Fuel, Pre-Test BL Reference, g		
Standard Deviation for Total Fuel, Post-Test BL Reference, g		
Standard Deviation for Total Fuel, Candidate 3, g		