

# CEC L-107 M271EVO Sludge 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:	Date Completed:

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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)		
<b>Validity Comments</b>		
Test Validated By:	Date:	
<b>Fuel Information</b>	Fuel Code:	Fuel Batch:
Fuel Supplier:	Engine P/N:	
<b>Reference Test Information</b>		
Reference Oil 1 Test	Reference Oil 2 Test	
Oil:	Oil:	
Form:	Form:	
Test Number:	Test Number:	
Average Engine Sludge:	Average Engine Sludge:	

# CEC L-107 M271EVO Sludge Test

<b>FORMULATION STAND CODE:</b>
<b>OIL CODE:</b>

## Primary Test Results

Parameter, units	Value
Average Engine Sludge, Merit	

## Secondary and Supporting Test Results

Parameter, units				Value
Sludge, Merit				
Valve Cover Sludge				
Cylinder Head Front Cover Sludge				
Cylinder Head Sludge, Merit				
Oil Pan (without sump) Sludge – not used in Average calculation				
Oil Pan (with sump) Sludge				
Timing Case Sludge				
Ring Sticking				
Max Ring Sticking, ASF Max				
Location	Piston 1	Piston 2	Piston 3	Piston 4
1 <sup>st</sup> Ring				
2 <sup>nd</sup> Ring				
OC Ring				

# CEC L-107 M271EVO

## Sludge Test

<b>FORMULATION STAND CODE:</b>
<b>OIL CODE:</b>

Oil Consumption		
Phase 1 (75 hr.) Oil Consumption, g/h		
Phase 2 (at EOT) Oil Consumption, g/h		
Blowby and Phase Fuel Consumption		
	Blowby	Fuel Consumption
Phase 1, 3200		
Phase 2, 3200		
Phase 2, 5500		

# CEC L-107 M271EVO

## Sludge Test

<b>FORMULATION STAND CODE:</b>
<b>OIL CODE:</b>

Oil Analysis					
	Viscosity at 40° C	Viscosity at 100° C	Fuel Dilution, %	Oxidation, A/cm	Nitration, A/cm
SOT					
75-h					
EOT					
Metals, ppm					
	75-h		EOT		
AL					
CA					
CR					
CU					
FE					
MO					
NI					
P					
PB					
S					
SI					
SN					
Total Test Fuel Consumption, g					