

**REPORT ON  
SEQUENCE IIIFHD EVALUATION**

VERSION    *IIIFHD VERSION 20020325 BETA*

CONDUCTED FOR

CC  
CC

<i>C</i>	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

<i>CC</i>	NR = Non-Reference Oil Test
	RO = Reference Oil Test

Test Number					
Test Stand	<i>CCCCC</i>	Stand Test Number	<i>CCCC</i>	Lab Test Number	<i>CCCCC</i>
Oil Code	<i>CC</i>				
Formulation/Stand Code	<i>CC-CCCCCCCCC-C-C-CCCCC-CC-CC-CCCC</i>				
Alternate Codes	<i>CCCCCCCCCCCCCCCC</i>	<i>CCCCCCCCCCCCCCCC</i>	<i>CCCCCCCCCCCCCCCC</i>	<i>CCCCCCCCCCCCCCCC</i>	<i>CCCCCCCCCCCCCCCC</i>
EOT Date	<i>YYYYMMDD</i>	EOT Time	<i>HH:MM</i>		

In my opinion this test *CCCCC* been conducted in a valid manner in accordance with the latest draft of Sequence IIIF-HD 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: *CC*

Testing Laboratory

*Signature Image*

Signature

*CC*

Typed Name

*CC*

Title

**SEQUENCE IIFHD  
FORM 4  
TEST RESULT SUMMARY**

LAB	CC	OIL CODE	CC
TEST STAND NO.	CCCCC	TEST NO.	CCCCC - CCCC - CCCCC
LABORATORY OIL CODE	CCCCCCCCCCCCCCCCCCCC		
FORMULATION STAND CODE	CC-CCCCCCCCC-C-C-CCCCC-CC-CC-CCCC		

DATE STARTED	YYYYMMDD	ENGINE NO.	CCCCCCCCCCCCCCCC
TIME STARTED	HH:MM	FUEL BATCH	CCCCCCCC
DATE COMPLETED	YYYYMMDD	SAE VISCOSITY	CCCCCCC
TIME COMPLETED	HH:MM	TMC OIL CODE <sup>A</sup>	CCCCCC
TEST LENGTH	S1234		

Pass/Fail Results	
	Viscosity Increase (%)
Original Units	S1234.12
Transformed Results	S12.123456
Industry Correction Factor	S12.123456
Corrected Transformed Result	S12.123456
Severity Adjustment	S12.123456
Final Transformed Result	S12.123456
Final Original Unit Result	S1234.1

Additional Results			
Oil Consumption Hours, h <sup>B</sup>	S12	Oil Consumption (L) <sup>B</sup>	S12.12

Most Recent Stand Reference Oil Test History <sup>C</sup>			
Test Number	CCCCC CCCC - CCCCC		
Oilcode	CC		
Date Completed	YYYYMMDD	TMC Oil Code	CCCCCC
Final Viscosity Increase, %	S1234.1	Fuel Batch	CCCCCCCC

<sup>A</sup> Reference Oil Tests Only

<sup>B</sup> Test Hours at which Oil Consumption was calculated

<sup>C</sup> Non-Reference Oil Tests Only

**SEQUENCE IIFHD  
FORM 5  
OPERATIONAL SUMMARY**

LAB	CC	OIL CODE	CC
TEST STAND NO.	CCCCC	TEST NO.	CCCCC - CCCC - CCCCC
LABORATORY OIL CODE	CCCCCCCCCCCCCCCCCCCC		
FORMULATION STAND CODE	CC-CCCCCCCCC-C-C-CCCCC-CC-CC-CCCC		

	Parameter	Units	QI Threshold	EOT QI	Target	Average	Standard Deviation	Number Of	
								Samples	BQD
<b>Controlled Parameters</b>	Speed	r/min	0.000	S12.123	3600	S12345	S12.123	S12345	S12345
	Load	Nm	0.000	S12.123	200	S12345	S12.123	S12345	S12345
	Oil Filter Block	°C	0.000	S12.123	155.0	S12345	S12.123	S12345	S12345
	Engine Coolant Out	°C	0.000	S12.123	122.0	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 Ratio		0.000	S12.123	15.0	S12.1	S12.123	S12345	S12345
	Right Air-to-Fuel Ratio		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	BQD
<b>Non-controlled Parameters</b>	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	S12
LEVEL (ml) low	S123	S123	S123	S123	S123	S123	S123

NO <sub>x</sub> Measurement		
Hours	S12	S12
NO <sub>x</sub> , ppm	S12345	S12345







**SEQUENCE IIFHD  
FORM 9  
HARDWARE INFORMATION**

LAB	CC	OIL CODE	CC
TEST STAND NO.	CCCCC	TEST NO.	CCCCC - CCCC - CCCCC
LABORATORY OIL CODE	CCCCCCCCCCCCCCCCCCCC		
FORMULATION STAND CODE	CC-CCCCCCCCC-C-C-CCCCC-CC-CC-CCCC		

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	CCCCCC	Oil Filter Batch Code	CCCCC
Cylinder Head Serial Number, Left	CCCCCCCC	Intake Valve Seals Batch Code	CCCCC
Cylinder Head Serial Number, Right	CCCCCCCC	Valve Springs Batch Code	CCCCC
Bearing Kit Serial Number	CCCCCC	Lifter Serial Number	1 CCCCCCCC
Top Ring Gap, mils	S12		2 CCCCCCCC
Bottom Ring Gap, mils	S12		3 CCCCCCCC
			4 CCCCCCCC
			5 CCCCCCCC
			6 CCCCCCCC
			7 CCCCCCCC
			8 CCCCCCCC
			9 CCCCCCCC
			10 CCCCCCCC
			11 CCCCCCCC
			12 CCCCCCCC

