TWO-STROKE-CYCLE GASOLINE ENGINE LUBRICANT EVALUATION

D4863 ASTM TC SEQUENCE II Test Procedure
Title / Validity Declaration Page

VERSION TC2 VERSION 20020903

CONDUCTED FOR
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

C	V = VALID
	I = INVALID

Test Number:	CCCCCCCCCCCCCCCCCCCCCCCCCCCC		
Reference		**Non-Reference**	
Primary Oil	CCCCCCCCCCCCCCCCCCCCCCCCCCCC	Primary Oil	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
EOT Date:	YYYYMMDD	EOT Date:	YYYYMMDD
EOT Time:	HH:MM	EOT Time:	HH:MM
Alternate Codes:	CCCCCCCCCCCCCCCC	CCCCCCCCCCCCCCCC	CCCCCCCCCCCCCCCC
Test Stand:	CCCCC	Stand Run#:	Lab Run #:
Formulation/Stand Code:	CC-CCCCCCCCCC-C-C-CCCCCC-CC-CC-CCCCC		

In my opinion this test _____ been conducted in a valid manner in accordance with the ASTM Test Method D4863 and the appropriate amendments through the information letter system. The remarks included in this report describe the anomalies associated with this test.

SUBMITTED BY: _____

Testing Laboratory

Signature Image

Signature

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Typed Name

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Title

TWO-STROKE-CYCLE GASOLINE ENGINE LUBRICANT EVALUATION
D4863 ASTM TC SEQUENCE II

SUMMARY OF ENGINE TEST RESULTS
YAMAHA CE50S TIGHTENING TEST

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Test Number: Fuel: CCCCCCCCCCCC Start Date: YYYYMMDD
Stand Number: CCCCC Fuel/Oil Ratio: CCCCC E.O.T. Date: YYYYMMDD
Test Length: S1234 Fuel Batch ID: CCCCCCCCCCCCCC

Delta Torque, lbs. in.

Lubricant Code: CCCCCCCCC Ind. Bench: CCCCCCC Lab Code: CCCCCCCCCCC Tightening No.: CCCCCCC

Temperature, ˚C	S12	S12	S12	S12	S12	S12	S12	Mean
300	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12
325	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12
350	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12

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YAMAHA CE50S TIGHTENING TEST

Lubricant Code: CCCC

TWO-STROKE-CYCLE GASOLINE ENGINE LUBRICANT EVALUATION

SUMMARY OF ENGINE TEST RESULTS
YAMAHA CE50S TIGHTENING TEST

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC Lubricant Code: CCCCCCCCCCCCC Lab Code: CCCCCCC Tightening No.:

Operating Parameters

Miscellaneous								
Tightening No.	S12	S12	S12	S12	S12	S12	S12	Average
Seconds	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1
Fuel Flow, lb/h	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12
Horsepower, ft-lbf.	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12
Barometer Press., in. Hg	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12
Temperature, ˚F								
Ambient	S12	S12	S12	S12	S12	S12	S12	S12
Wet	S12	S12	S12	S12	S12	S12	S12	S12
Dry	S12	S12	S12	S12	S12	S12	S12	S12
Dynamometer	S12	S12	S12	S12	S12	S12	S12	
Intake Air								
Fuel								
Exhaust								
Torque, lbf-in.								
@ 170˚C								
@ 200˚C								
@ 300˚C								
@ 325˚C								
@ 350˚C								
Delta Torque, lbf-in.								
@ 300˚C	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12
@ 325˚C	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12
@ 350˚C	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12

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YAMAHA CE50S TIGHTENING TEST

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D4863 ASTM TC SEQUENCE II

SUMMARY OF ENGINE TEST RESULTS
YAMAHA CE50S TIGHTENING TEST

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC Lubricant Code: CCCCCCCCCCCCC Lab Code: CCCCCCC Tightening No.:

Operating Parameters

Miscellaneous

Tightening No.	S12	S12	S12	S12	S12	S12	S12	Average
Seconds	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1	S12.1	
Fuel Flow, lb/h	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	
Horsepower, ft-lbf.	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	
Barometer Press., in. Hg	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	

Temperature, ˚F

Ambient	S12	S12	S12	S12	S12	S12	S12	
Wet	S12	S12	S12	S12	S12	S12	S12	
Dry	S12	S12	S12	S12	S12	S12	S12	
Dynamometer	S12	S12	S12	S12	S12	S12	S12	
Intake Air								
Fuel								
Exhaust								

Torque, lbf-in.

@ 170˚C								
@ 200˚C								
@ 300˚C								
@ 325˚C								
@ 350˚C								

Delta Torque, lbf-in.

@ 300˚C	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12
@ 325˚C	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12
@ 350˚C	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12	S1.12

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