Test Method D7528
Bench Oxidation of Engine Oils by ROBO Apparatus
Version ROBO VERSION 20081114 BETA

Conducted For

TSTSPON1
TSTSPON2

LABVALID	**V = Valid**
	I = Invalid

TSTOIL	**NR = Non-Reference Test Oil**
	RO = Reference Oil Result

Test Number	
Instrument ID: INSTRUID	**Test Run Number:** RUNNUM

Date Completed: DTCOMP	Time Completed: EOTTIME		
Oil Code: OILCODE			
Alternate Oil Codes:	ALTCODE1	ALTCODE2	ALTCODE3

In my opinion this test OPVALID been conducted in a manner in accordance with the Test Method D7528. The remarks included in this report describe the anomalies associated with this test.

Submitted By:

SUBLAB
Testing Laboratory

SUBSIGIM
Signature

SUBNAME
Typed Name

SUBTITLE
Title

Test Report Cover

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Form 2

Oil Code: OILCODE	
Lab Sample Code: LABOCODE	

Testing Laboratory: LAB	TMC Oil Code: IND
Date Completed: DTCOMP	Time Completed: EOTTIME

Instrument ID: INSTRUID	
Test Run Number: RUNNUM	Run Number of Last TMC Calibration: RNLSTCAL
Date of Last TMC Calibration: DTLSTCAL	TMC Calibration Expiration Date: DTCALEXP

Operational Parameters	
Test Method-Version	METHVER
Vacuum Pump Serial Number	VACPMPID
Vacuum Control Valve Total Number of Turns from Open to Close (to the nearest quarter turn), revolutions	VCVTOT
Vacuum Control Valve Set Point at Time of Last TMC Calibration (number of turns from open, to the nearest quarter turn), revolutions	VCVATCAL
Vacuum Control Valve Set Point for This Test (number of turns from open, to the nearest quarter turn), revolutions	VCVSET
SAE J300 Engine Oil Viscosity Classification	SAEVISC
Volatiles at End of Test, mass %	VOLEOT

Test Results	
New Oil D445 Kinematic Viscosity @ 40°C, mm^2/s	KV40NEW
Aged Oil D445 Kinematic Viscosity @ 40°C, mm^2/s	KV40EOT
Percent Increase Kinematic Viscosity @ 40°C After Aging, %	KV40PVIS
D5293 Cold Crank Simulator Test Temperature, °C	CCSTEMP
Aged Oil D5293 Cold Crank Simulator Apparent Viscosity, mPa-s	CCSVEOT
D4684 Mini-Rotary Viscometer Test Temperature, °C	MRVTEMP
Aged Oil D4684 Mini-Rotary Viscometer Apparent Viscosity, mPa-s	MRVVEOT
Aged Oil D4684 Yield Stress, Pa	MRVYSEOT

Summary of Results

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Form 3

Oil Code: OILCODE
Lab Sample Code: LABOCODE

Testing Laboratory: LAB	TMC Oil Code: IND
Date Completed: DTCOMP	Time Completed: EOTTIME

Instrument ID: INSTRUID	
Test Run Number: RUNNUM	
Date of Last TMC Calibration: DTLSTCAL	TMC Calibration Expiration Date: DTCALEXP

Out-of-Limit Data and Time, Test Modifications and Comments

Number of Comment Lines	TOTCOM	
OCOMR001		
OCOMR002		
OCOMR003		
OCOMR004		
OCOMR005		
OCOMR006		
OCOMR007		
OCOMR008		
OCOMR009		
OCOMR010		
OCOMR011		
OCOMR012		
OCOMR013		
OCOMR014		
OCOMR015		

Comment Summary