A5. Report Forms
Test Method D5862
(6V92TA)
Version 6V92 VERSION 20040729 BETA

Sponsored By:
TSTSPON1
TSTSPON2

LABVALID	**V** = Valid; The reference oil/non-reference oil was evaluated in accordance with the test procedure.
	I = Invalid; The reference oil/non-reference oil was not evaluated in accordance with the test procedure.
	N = Not interpreted; The non-reference oil results cannot be interpreted and shall not be used in determining an average test result using multiple test criteria.

Test Number			
Test Stand STAND	Stand Run Number RSTRU STRUN	Engine Number RENGINE ENGINE	Engine Run Number RENRU ENRUN

Date Completed: RDTCOMP DTCOMP		Time Completed: REOTTIME EOTTIME	
Oil Code [A]: OILCODE CMIR			
Formulation/Stand Code: FORM			
Additional Comments:	ALTCODE1	ALTCODE2	ALTCODE3

In my opinion this test OPVALID been conducted in a valid manner in accordance with Test Method D5862 and the appropriate amendments through the information letter system. The remarks included in this report describe the anomalies associated with this test.

[A] CMIR or Non-Reference Oil Code

Submitted By:

SUBLAB
Testing Laboratory

SUBSIGIM
Signature

SUBNAME
Typed Name

SUBTITLE
Title

Test Method D5862
(6V92TA)
Form 1
Test Lab Affidavit

Reference Oil Test

Test Lab	Test Stand No.	Test Stand Run No.	Engine Block No.	Engine Block Run No.
LAB	STAND	RSTRUN	RENGINE	RENRUN
Lab Oil Code	SAE Viscosity	Test Length	Date Started	EOT Time
RLABOCOD	RSAEVISC	RTESTLEN	RDTSTRT	REOTTIME

Date Test Completed	CMIR Code No.	TMC Oil No.		Ref. Test Accept. Limits Effective Date
RDTCOMP	CMIR	IND		EFFDATE
		Fire Ring Distress (Demerits)	2nd & 3rd Avg. Face Distress (Demerits)	Vg. Liestner Scuffing (% Area)
Lab Rating		RLFRD	RL23A	RLDSA6
Referee Rating		RRFRD	RR23A	RRLDSA6
Average		RAFRD	RA23A	RALDSA6
Acceptance Limits				
Minimum		IMINFRD	IMINA23	IMINALD
Maximum		IMAXFRD	IMAXA23	IMAXALD
Mean		IMENFRD	IMENA23	IMENALD

Non-Reference Oil Test

Test Lab	Test Stand No.	Test Stand Run No.	Engine Block No.	Engine Block Run No.
LAB	STAND	STRUN	ENGINE	ENRUN
Lab Oil Code	SAE Viscosity	Test Length	Date Started	EOT Time
LABOCODE	SAEVISC	TESTLEN	DTSTRT	EOTTIME

Date Test Comp.	Oil Code No.
DTCOMP	OILCODE

Formulation/Stand Coke
FORM

	Fire Ring Distress (Demerits)	2nd & 3rd Avg. Face Distress (Demerits)	Avg. Liner Scuffing (% Area)
Lab Rating	LFRD	L23A	LDSA6
Referee Rating	RFRD	R23A	RDSA6
Average	AFRD	A23A	ALDSA6
Correction Factors	LFRDCF	L23ACF	LDSA6CF
Final Results	LFRDFNL	L23AFNL	LDSA6FNL

Test Method D5862
(6V92TA)
Form 2
Calibration Test Result Summary

Lab LAB	Stand [A] STAND	Stand Run No. [A] RSTRUN	
Engine [A] RENGINE		Engine Run No. RENRUN	
CMIR CMIR		TMC Oil No. IND	
Fuel Supplier RFUELSUP			
Start Date RDTSTRT	End Date RDTCOMP	Report Date DTERPT	

Parameter	Value
Average Fire Ring Face Distress, Demerits [B]	RAFRD
Number of Broken Rings	RBRKRING
Average 2nd & 3rd Ring Face Distress, Demerits [B]	RA23A
Average Liner Scuffing, % Area [B]	RALDSA6
Maximum Liner Port Plugging, % Area	RMPP
Average Liner Port Plugging, % Area	RAPP
Maximum Piston Skirt Tin Removed, % Area	RMAXPSTR
Average Piston Skirt Tin Removed, % Area	RAVGPSTR
Oil Iron Content at 96 Test Hours, ppm	ROILFE
Average Oil Consumption, g/h	ROILCON

[A] Test Number is: Stand – Stand Run No. – Engine Run No.
[B] Average of Lab & Referee Rating

Test Method D5862
(6V92TA)
Form 3
Non-Reference Test Result Summary

Lab LAB	Stand [A] STAND	Stand Run No. [A] STRUN
Engine [A] ENGINE	Engine Run No. [A] ENRUN	
Formulation/Stand Code: FORM		
Oil Code OILCODE	Fuel Supplier FUELSUP	
Start Date DTSTRT	End Date DTCOMP	

Parameter	Value
Average Fire Ring Face Distress, Demerits [B]	LFRD AFRD
Correction Factor Fire Ring Face Distress, Demerits [B]	LFRDCF
Final Result Fire Ring Face Distress, Demerits [B]	LFRDFNL
Number of Broken Rings	BRKRING
Average 2nd & 3rd Ring Face Distress, Demerits [B]	A23A L23A
Correction Factor 2nd & 3rd Ring Face Distress, Demerits [B]	L23ACF
Final Result 2nd & 3rd Ring Face Distress, Demerits [B]	L23AFNL
Average Liner Scuffing, % Area [B]	LDSA6 ALDSA6
Correction Factor Liner Scuffing, % Area [B]	LDSA6CF
Final Result Liner Scuffing, % Area [B]	LDSA6FNL
Maximum Liner Port Plugging, % Area	MPP
Average Liner Port Plugging, % Area	APP
Maximum Piston Skirt Tin Removed, % Area	MAXPSTR
Average Piston Skirt Tin Removed, % Area	AVGPSTR
Oil Iron Content at 96 Test Hours, ppm	OILFE
Average Oil Consumption, g/h	OILCON

[A] Test Number is: Stand – Stand Run No. – Engine Run No.
[B] Either Test Lab Rating or Average of Lab & Referee Rating (Referee Rating is Optional)

Test Method D5862
(6V92TA)
Form 4
Torque Mode - Operational Summary

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	
Test Mode: Torque	

Test Parameter		Specification	Average	Std. Dev.	Minimum	Maximum
Engine Speed	r/min	1200 ± 10	LARPM	LSRPM	LIRPM	LXRPM
Load	N-m	Report Only	LALOAD	LSLOAD	LILOAD	LXLOAD
Power	kW	216 – 238	LAPWR	LSPWR	LIPWR	LXPWR
Fuel Flow	kg/h	52 ± 1.8	LAFFLO	LSFFLO	LIFFLO	LXFFLO
BSFC	kW-h	Report Only	LABSFC	LSBSFC	LIBSFC	LXBSFC
Temperature °C						
Coolant Out	°C	84 ± 2.2	LACOLOU	LSCOLOU	LICOLOU	LXCOLOU
Coolant In	°C	Report Only	LACOLIN	LSCOLIN	LICOLIN	LXCOLIN
Coolant delta T	°C	6 ± 2.7	LACOLDT	LSCOLDT	LICOLDT	LXCOLDT
Oil Gallery	°C	102 ± 1.1	LAOILTEM	LSOILTEM	LIOILTEM	LXOILTEM
Oil Sump	°C	111 - 119	LASUMPT	LSSUMPT	LISUMPT	LXSUMPT
Fuel @ Filter	°C	38 ± 2.7	LAFFILT	LSFFILT	LIFFILT	LXFFILT
Air Inlet	°C	35 ± 2.7	LAINT	LSINT	LIINT	LXINT
Air Box	°C	Report Only	LABOXT	LSBOXT	LIBOXT	LXBOXT
Exhaust	°C	Report Only	LAEXHT	LSEXHT	LIEXHT	LXEXHT
Pressures						
Oil Gallery	kPa	207 - 310	LAOILPRS	LSOILPRS	LIOILPRS	LXOILPRS
Air In. Res.	kPa	Report Only	LAINPRES	LSINPRES	LIINPRES	LXINPRES
Fuel	kPa	Report Only	LAFPRES	LSFPRES	LIFPRES	LXFPRES
Air Box	kPa	Report Only	LABOXPR	LSBOXPR	LIBOXPRS	LXBOXPR
Turbo Outlet	kPa	Report Only	LATURPR	LSTURPR	LITURPRS	LXTURPR

Test Method D5862
(6V92TA)
Form 5
Power Mode - Operational Summary

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	
Test Mode: Power	

Test Parameter		Specification	Average	Std. Dev.	Minimum	Maximum
Engine Speed	r/min	1200 ± 10	PARPM	PSRPM	PIRPM	PXRPM
Load	N-m	Report Only	PALOAD	PSLOAD	PILOAD	PXLOAD
Power	kW	216 - 238	PAPWR	PSPWR	PIPWR	PXPWR
Fuel Flow	kg/h	52 ± 1.8	PAFFLO	PSFFLO	PIFFLO	PXFFLO
BSFC	kW-h	Report Only	PABSFC	PSBSFC	PIBSFC	PXBSFC
Temperature °C						
Coolant Out	°C	84 ± 2.2	PACOLOU	PSCOLOU	PICOLOUT	PXCOLOU
Coolant In	°C	Report Only	PACOLIN	PSCOLIN	PICOLIN	PXCOLIN
Coolant delta T	°C	6 ± 2.7	PACOLDT	PSCOLDT	PICOLDT	PXCOLDT
Oil Gallery	°C	102 ± 1.1	PAOILTEM	PSOILTEM	PIOILTEM	PXOILTEM
Oil Sump	°C	111 - 119	PASUMPT	PSSUMPT	PISUMPT	PXSUMPT
Fuel @ Filter	°C	38 ± 2.7	PAFFILT	PSFFILT	PIFFILT	PXFFILT
Air Inlet	°C	35 ± 2.7	PAINT	PSINT	PIINT	PXINT
Air Box	°C	Report Only	PABOXT	PSBOXT	PIBOXT	PXBOXT
Exhaust	°C	Report Only	PAEXHT	PSEXHT	PIEXHT	PXEXHT
Pressures						
Oil Gallery	kPa	207 - 310	PAOILPRS	PSOILPRS	PIOILPRS	PXOILPRS
Air In. Res.	kPa	Report Only	PAINPRES	PSINPRES	PIINPRES	PXINPRES
Fuel	kPa	Report Only	PAFPRES	PSFPRES	PIFPRES	PXFPRES
Air Box	kPa	Report Only	PABOXPRS	PSBOXPRS	PIBOXPRS	PXBOXPRS
Turbo Outlet	kPa	Report Only	PATURPRS	PSTURPRS	PITURPRS	PXTURPRS

Test Method D5862
(6V92TA)
Form 6
Test Lab Engine Rating Result

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

Cylinder Liners

Scuffing, % Area	1L	2L	3L	1R	2R	3R	Average
Thrust	TLDS1L	TLDS2L	TLDS3L	TLDS1R	TLDS2R	TLDS3R	TLDSA6
Anti-Thrust	ATLDS1	ATLDS2	ATLDS3	ATLDS1	ATLDS2	ATLDS3	ATLDSA6
Total	LDS1L	LDS2L	LDS3L	LDS1R	LDS2R	LDS3R	LDSA6 ALDSA
% Liner Port Plugging	LPP1L	LPP2L	LPP3L	LPP1R	LPP2R	LPP3R	RAPP APP

Piston Rings

Face Distress Demerits	1L	2L	3L	1R	2R	3R	Average
Fire Ring	LF1L92	LF2L92	LF3L92	LF1R92	LF2R92	LF3R92	RLFRD LFRD
2nd Ring	L21L92	L22L92	L23L92	L21R92	L22R92	L23R92	LR2D92
3rd Ring	L31L92	L32L92	L33L92	L31R92	L32R92	L33R92	LR3D92
Average 2nd & 3rd	LA1L92	LA2L92	LA3L92	LA1R92	LA2R92	LA3R92	RL23A L23A

Piston Skirt

% Area Plate Removal	1L	2L	3L	1R	2R	3R	Average
Value	PSPR1L	PSPR2L	PSPR3L	PSPR1R	PSPR2R	PSPR3R	RAVGPS AVGPST

Test Method D5862
(6V92TA)
Form 7
Referee Lab Engine Rating Result
(Required for reference test; Optional for non-reference test)

Laboratory LAB	EOT Date RDTCOMP	DTCOMP
Test Number: TESTNUM	Oil Code OILCODE	CMIR
Formulation/Stand Code FORM		
Referee Lab RRLAB	Referee Initials RINIT	Referee Rating Date RRDATE

Cylinder Liners

Scuffing, % Area	1L	2L	3L	1R	2R	3R	Average
Thrust	RTLDS1	RTLDS2	RTLDS3	RTLDS1	RTLDS2	RTLDS3	RTLDSA6
Anti-Thrust	RATLDS	RATLDS	RATLDS	RATLDS	RATLDS	RATLDS	RATLDSA6
Total	RLDS1L	RLDS2L	RLDS3L	RLDS1R	RLDS2R	RLDS3R	RRLDSA RDSA6

Piston Rings

Face Distress Demerits	1L	2L	3L	1R	2R	3R	Average
Fire Ring	RF1L92	RF2L92	RF3L92	RF1R92	RF2R92	RF3R92	RRFRD RFRD
2nd Ring	R21L92	R22L92	R23L92	R21R92	R22R92	R23R92	RR2D92
3rd Ring	R31L92	R32L92	R33L92	R31R92	R32R92	R33R92	RR3D92
Average 2nd & 3rd	RA1L92	RA2L92	RA3L92	RA1R92	RA2R92	RA3R92	RR23A R23A

Test Method D5862
(6V92TA)
Form 8
Parts Measurement Summary

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

Weight Loss Summary

Piston Ring	1L	2L	3L	1R	2R	3R	Average
Fire Ring, g	WLF1L	WLF2L	WLF3L	WLF1R	WLF2R	WLF3R	WLFA6
2nd Ring, g	WL21L	WL22L	WL23L	WL21R	WL22R	WL23R	WL2A6
3rd Ring, g	WL31L	WL32L	WL33L	WL31R	WL32R	WL33R	WL3A6
Slipper Bushing, g	WLSB1L	WLSB2L	WLSB3L	WLSB1R	WLSB2R	WLSB3R	WLSBA6

Wear Summary

Piston Ring Radial Wear Thickness	1L	2L	3L	1R	2R	3R	Average
Fire Ring, mm	RWF1L	RWF2L	RWF3L	RWF1R	RWF2R	RWF3R	RWFA6
2nd Ring, mm	RW21L	RW22L	RW23L	RW21R	RW22R	RW23R	RW2A6
3rd Ring, mm	RW31L	RW32L	RW33L	RW31R	RW32R	RW33R	RW3A6
Injector Rocker Arm Bushing Wear ID, mm	RABW1L	RABW2L	RABW3L	RABW1R	RABW2R	RABW3R	RABWA6

End Gap Increase

Piston Ring	1L	2L	3L	1R	2R	3R	Average
Fire Ring, mm	EGIF1L	EGIF2L	EGIF3L	EGIF1R	EGIF2R	EGIF3R	EGIFA6
2nd Ring, mm	EGI21L	EGI22L	EGI23L	EGI21R	EGI22R	EGI23R	EGI2A6
3rd Ring, mm	EGI31L	EGI32L	EGI33L	EGI31R	EGI32R	EGI33R	EGI3A6
Top Ring Upper Groove, mm	EGIUGT1	EGIUGT2L	EGIUGT3L	EGIUGT1R	EGIUGT2R	EGIUGT3R	EGIUGTA6
Bottom Ring Upper Groove, mm	EGIUGB1	EGIUGB2L	EGIUGB3L	EGIUGB1R	EGIUGB2R	EGIUGB3R	EGIUGBA6
Top Ring Lower Groove, mm	EGILGT1	EGILGT2L	EGILGT3L	EGILGT1R	EGILGT2R	EGILGT3R	EGILGTA6
Bottom Ring Lower Groove, mm	EGILGB1	EGILGB2L	EGILGB3L	EGILGB1R	EGILGB2R	EGILGB3R	EGILGBA6

Test Method D5862
(6V92TA)
Form 9
Oil Analysis Summary

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

Hours	Viscosity @ 40°C (cSt)	Viscosity @ 100°C (cSt)	TBN D4739	Viscosity HT/HS @ 150°C (cP)	Volatility % @ 371°C
New	VIS_NEW	VIS1NEW	TBN_NEW	VHTHSNE	VOLTNEW
Break-in	VIS_BRK	VIS1BRK	TBN_BRK		
16	VIS_H016	VIS1H016	TBN_H01(		
48	VIS_H048	VIS1H048	TBN_H04(		
80	VIS_H080	VIS1H080	TBN_H08(		
96	VIS_H096	VIS1H096	TBN_H09(		VOLT096

PPM	NEW	Break-in	Hour 16	Hour 32	Hour 48	Hour 64	Hour 80	Hour 96
Fe	FE__NEW	FE__BRK	FE__H016	FE__H032	FE__H048	FE__H064	FE__H080	ROILFE OILFE
Sn	SN__NEW	SN__BRK	SN__H016	SN__H032	SN__H048	SN__H064	SN__H080	SN__H096
Pb	PB__NEW	PB__BRK	PB__H016	PB__H032	PB__H048	PB__H064	PB__H080	PB__H096
Cu	CU__NEW	CU__BRK	CU__H016	CU__H032	CU__H048	CU__H064	CU__H080	CU__H096
Cr	CR__NEW	CR__BRK	CR__H016	CR__H032	CR__H048	CR__H064	CR__H080	CR__H096
Al	AL__NEW	AL__BRK	AL__H016	AL__H032	AL__H048	AL__H064	AL__H080	AL__H096
Si	SI__NEW	SI__BRK	SI__H016	SI__H032	SI__H048	SI__H064	SI__H080	SI__H096
Ca	CA__NEW	CA__BRK	CA__H016		CA__H048		CA__H080	CA__H096
Mg	MG__NEW	MG__BRK	MG__H016		MG__H048		MG__H080	MG__H096
Zn	ZN__NEW	ZN__BRK	ZN__H016		ZN__H048		ZN__H080	ZN__H096
P	P__NEW	P__BRK	P__H016		P__H048		P__H080	P__H096
Mo	MO__NEW	MO__BRK	MO__H016		MO__H048		MO__H080	MO__H096
B	B__NEW	B__BRK	B__H016		B__H048		B__H080	B__H096
Na	NA__NEW	NA__BRK	NA__H016		NA__H048		NA__H080	NA__H096
S	S__NEW	S__BRK	S__H016		S__H048		S__H080	S__H096

Test Method D5862
(6V92TA)
Form 10
Pre-Test Parts Measurement

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

Component Weight

Piston Rings	1L	2L	3L	1R	2R	3R	Average
Fire Ring, g	W1F1L	W1F2L	W1F3L	W1F1R	W1F2R	W1F3R	W1FA6
2nd Ring, g	W121L	W122L	W123L	W121R	W122R	W123R	W12A6
3rd Ring, g	W131L	W132L	W133L	W131R	W132R	W133R	W13A6
Slipper Bushing, g	W1SB1L	W1SB2L	W1SB3L	W1SB1R	W1SB2R	W1SB3R	W1SBA6

Radial Thickness

Piston Rings	1L	2L	3L	1R	2R	3R	Average
Fire Ring, mm	RT1F1L	RT1F2L	RT1F3L	RT1F1R	RT1F2R	RT1F3R	RT1FA6
2nd Ring, mm	RT121L	RT122L	RT123L	RT121R	RT122R	RT123R	RT12A6
3rd Ring, mm	RT131L	RT132L	RT133L	RT131R	RT132R	RT133R	RT13A6

End Gap @ 122.936 mm gage

Piston Rings	1L	2L	3L	1R	2R	3R	Average	Spec
Fire Ring, mm	EG1F1L	EG1F2L	EG1F3L	EG1F1R	EG1F2R	EG1F3R	EG1FA6	1.016 ± 0.127 mm
2nd Ring, mm	EG121L	EG122L	EG123L	EG121R	EG122R	EG123R	EG12A6	1.016 ± 0.127 mm
3rd Ring, mm	EG131L	EG132L	EG133L	EG131R	EG132R	EG133R	EG13A6	1.016 ± 0.127 mm
Top Ring Upper Groove, mm	EG1UGT	EG1UGT	EG1UGT	EG1UGT	EG1UGT	EG1UGT	EG1UGT	0.406 ± 0.025 mm
Bottom Ring Upper Groove, mm	EG1UGB	EG1UGB	EG1UGB	EG1UGB	EG1UGB	EG1UGB	EG1UGB	0.406 ± 0.025 mm
Top Ring Lower Groove, mm	EG1LGT	EG1LGT	EG1LGT	EG1LGT	EG1LGT	EG1LGT	EG1LGT	0.584 ± 0.051 mm
Bottom Ring Lower Groove, mm	EG1LGB	EG1LGB	EG1LGB	EG1LGB	EG1LGB	EG1LGB	EG1LGB	0.584 ± 0.051 mm

Test Method D5862
(6V92TA)
Form 11
Pre-Test Parts Measurement

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	
Measurement Performed: Pre Test	

Cylinder Liner

Parameter	1L	2L	3L	1R	2R	3R	Average	Spec
Average Diameter, [A] mm	LDIA11L	LDIA12L	LDIA13L	LDIA11F	LDIA12R	LDIA13	LDIA1A6	122.911-122.974
Surf. Finish, Ra µm	LFIN11L	LFIN12L	LFIN13L	LFIN11R	LFIN12R	LFIN13	LFIN1A6	1.1 - 1.7 µm

Piston Skirt

Parameter	1L	2L	3L	1R	2R	3R	Average	Spec
Average Diameter, mm	PDIA11L	PDIA12L	PDIA13L	PDIA11F	PDIA12R	PDIA13	PDIA1A6	122.667 – 122.733

Clearance, Liner to Piston

Parameter	1L	2L	3L	1R	2R	3R	Average	Spec
Clearance, mm	LPC11L	LPC12L	LPC13L	LPC11R	LPC12R	LPC13R	LPC1A6	0.178 - 0.305

Injector Rocker Arm Bushing

Parameter	1L	2L	3L	1R	2R	3R	Average
Inside Diameter, mm	RAB11L	RAB12L	RAB13L	RAB11R	RAB12R	RAB13I	RAB1A6

[A] Average of the 8 measurements per test procedure

Test Method D5862
(6V92TA)
Form 12
Post-Test Parts Measurement

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	
Measurement Performed: Post Test	

Component Weight

Piston Rings	1L	2L	3L	1R	2R	3R	Average
Fire Ring, g	W2F1L	W2F2L	W2F3L	W2F1R	W2F2R	W2F3R	W2FA6
2nd Ring, g	W221L	W222L	W223L	W221R	W222R	W223R	W22A6
3rd Ring, g	W231L	W232L	W233L	W231R	W232R	W233R	W23A6
Slipper Bushing, g	W2SB1L	W2SB2L	W2SB3L	W2SB1R	W2SB2R	W2SB3R	W2SBA6

Radial Thickness

Piston Rings	1L	2L	3L	1R	2R	3R	Average
Fire Ring, mm	RT2F1L	RT2F2L	RT2F3L	RT2F1R	RT2F2R	RT2F3R	RT2FA6
2nd Ring, mm	RT221L	RT222L	RT223L	RT221R	RT222R	RT223R	RT22A6
3rd Ring, mm	RT231L	RT232L	RT233L	RT231R	RT232R	RT233R	RT23A6

End Gap @ 122.936 mm gage

Piston Rings	1L	2L	3L	1R	2R	3R	Average	Spec
Fire Ring, mm	EG2F1L	EG2F2L	EG2F3L	EG2F1R	EG2F2R	EG2F3R	EG2FA6	1.016 ± 0.127 mm
2nd Ring, mm	EG221L	EG222L	EG223L	EG221R	EG222R	EG223R	EG22A6	1.016 ± 0.127 mm
3rd Ring, mm	EG231L	EG232L	EG233L	EG231R	EG232R	EG233R	EG23A6	1.016 ± 0.127 mm
Top Ring Upper Groove, mm	EG2UGT1	EG2UGT2	EG2UGT3L	EG2UGT1R	EG2UGT2	EG2UGT3	EG2UGTA6	0.406 ± 0.025 mm
Bottom Ring Upper Groove, mm	EG2UGB1	EG2UGB2	EG2UGB3L	EG2UGB1R	EG2UGB2	EG2UGB3	EG2UGBA6	0.406 ± 0.025 mm
Top Ring Lower Groove, mm	EG2LGT1	EG2LGT2	EG2LGT3L	EG2LGT1R	EG2LGT2	EG2LGT3	EG2LGTA6	0.584 ± 0.051 mm
Bottom Ring Lower Groove, mm	EG2LGB1	EG2LGB2	EG2LGB3L	EG2LGB1R	EG2LGB2	EG2LGB3	EG2LGBA6	0.584 ± 0.051 mm

Test Method D5862
(6V92TA)
Form 13
Post-Test Parts Measurement

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	
Measurement Performed: Post Test	

Injector Rocker Arm Bushing

Parameter	1L	2L	3L	1R	2R	3R	Average
Inside Dia., mm	RAB21L	RAB22I	RAB23I	RAB21I	RAB22R	RAB23I	RAB2A6

Test Method D5862
(6V92TA)
Form 14
Heat Soak Summary

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

Number of Soak Occurrences		NSOAK	
Test Hours	Date	Soak Time	Description
SHOUH01	SDATH016	STIMH016	SDESH016
SHOUH03	SDATH032	STIMH032	SDESH032
SHOUH04	SDATH048	STIMH048	SDESH048
SHOUH06	SDATH064	STIMH064	SDESH064
SHOUH08	SDATH080	STIMH080	SDESH080
SHOUH09	SDATH096	STIMH096	SDESH096
		TOTLSOAK	**Total Heat Soak Time**

Test Method D5862
(6V92TA)
Form 15
Downtime Comments And Summary

Laboratory LAB	EOT Date RDTCOMP	DTCOMP
Test Number TESTNUM	Oil Code OILCODE	CMIR
Formulation/Stand Code FORM		

Number of Downtime Occurrences		DWNOCR	
Test Hours	Date	Downtime	Reasons
DOWNR0	DDATR001	DTIMR001	DREAR001
DOWNR0	DDATR002	DTIMR002	DREAR002
DOWNR0	DDATR003	DTIMR003	DREAR003
DOWNR0	DDATR004	DTIMR004	DREAR004
DOWNR0	DDATR005	DTIMR005	DREAR005
DOWNR0	DDATR006	DTIMR006	DREAR006
DOWNR0	DDATR007	DTIMR007	DREAR007
DOWNR0	DDATR008	DTIMR008	DREAR008
DOWNR0	DDATR009	DTIMR009	DREAR009
DOWNR0	DDATR010	DTIMR010	DREAR010
DOWNR0	DDATR011	DTIMR011	DREAR011
DOWNR0	DDATR012	DTIMR012	DREAR012
DOWNR0	DDATR013	DTIMR013	DREAR013
DOWNR0	DDATR014	DTIMR014	DREAR014
DOWNR0	DDATR015	DTIMR015	DREAR015
		TOTLDOW	**Total Downtime**

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

Test Method D5862
(6V92TA)
Form 15A
Downtime Comments And Summary

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

Number of Downtime Occurrences		DWNOCR	
Test Hours	Date	Downtime	Reasons
DOWNR0	DDATR016	DTIMR016	DREAR016
DOWNR0	DDATR017	DTIMR017	DREAR017
DOWNR0	DDATR018	DTIMR018	DREAR018
DOWNR0	DDATR019	DTIMR019	DREAR019
DOWNR0	DDATR020	DTIMR020	DREAR020
DOWNR0	DDATR021	DTIMR021	DREAR021
DOWNR0	DDATR022	DTIMR022	DREAR022
DOWNR0	DDATR023	DTIMR023	DREAR023
DOWNR0	DDATR024	DTIMR024	DREAR024
DOWNR0	DDATR025	DTIMR025	DREAR025
DOWNR0	DDATR026	DTIMR026	DREAR026
DOWNR0	DDATR027	DTIMR027	DREAR027
DOWNR0	DDATR028	DTIMR028	DREAR028
DOWNR0	DDATR029	DTIMR029	DREAR029
DOWNR0	DDATR030	DTIMR030	DREAR030
		TOTLDOW	**Total Downtime**

Other Comments		
Number of Comment Lines	TOTCOM	
OCOMR016		
OCOMR017		
OCOMR018		
OCOMR019		
OCOMR020		
OCOMR021		
OCOMR022		
OCOMR023		
OCOMR024		
OCOMR025		
OCOMR026		
OCOMR027		
OCOMR028		
OCOMR029		
OCOMR030		

Test Method D5862
(6V92TA)
Form 15B
Downtime Comments And Summary

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

Number of Downtime Occurrences		DWNOCR	
Test Hours	Date	Downtime	Reasons
DOWNR(	DDATR031	DTIMR031	DREAR031
DOWNR(	DDATR032	DTIMR032	DREAR032
DOWNR(	DDATR033	DTIMR033	DREAR033
DOWNR(	DDATR034	DTIMR034	DREAR034
DOWNR(	DDATR035	DTIMR035	DREAR035
DOWNR(	DDATR036	DTIMR036	DREAR036
DOWNR(	DDATR037	DTIMR037	DREAR037
DOWNR(	DDATR038	DTIMR038	DREAR038
DOWNR(	DDATR039	DTIMR039	DREAR039
DOWNR(	DDATR040	DTIMR040	DREAR040
DOWNR(	DDATR041	DTIMR041	DREAR041
DOWNR(	DDATR042	DTIMR042	DREAR042
DOWNR(	DDATR043	DTIMR043	DREAR043
DOWNR(	DDATR044	DTIMR044	DREAR044
DOWNR(	DDATR045	DTIMR045	DREAR045
		TOTLDOW	**Total Downtime**

Other Comments		
Number of Comment Lines	TOTCOM	
OCOMR031		
OCOMR032		
OCOMR033		
OCOMR034		
OCOMR035		
OCOMR036		
OCOMR037		
OCOMR038		
OCOMR039		
OCOMR040		
OCOMR041		
OCOMR042		
OCOMR043		
OCOMR044		
OCOMR045		

Test Method D5862
(6V92TA)
Form 16
Air Box Inspection Summary

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

% Area Cylinder Liner Scuffing

NABINS

Number of Inspections (Excluding Breakin Inspection)

Hours	Date	1L	2L	3L	1R	2R	3R	Average
Breakin	ABKDAT	LSCF1LB	LSCF2LB	LSCF3LB	LSCF1RB	LSCF2RB	LSCF3RB	LSCUFAE
SCFHR00	SCFDR001	LS1LR001	LS2LR001	LS3LR001	LS1RR001	LS2RR001	LS3RR001	LSAVR00
SCFHR00	SCFDR002	LS1LR002	LS2LR002	LS3LR002	LS1RR002	LS2RR002	LS3RR002	LSAVR00
SCFHR00	SCFDR003	LS1LR003	LS2LR003	LS3LR003	LS1RR003	LS2RR003	LS3RR003	LSAVR00
SCFHR00	SCFDR004	LS1LR004	LS2LR004	LS3LR004	LS1RR004	LS2RR004	LS3RR004	LSAVR00
SCFHR00	SCFDR005	LS1LR005	LS2LR005	LS3LR005	LS1RR005	LS2RR005	LS3RR005	LSAVR00
SCFHR00	SCFDR006	LS1LR006	LS2LR006	LS3LR006	LS1RR006	LS2RR006	LS3RR006	LSAVR00
SCFHR00	SCFDR007	LS1LR007	LS2LR007	LS3LR007	LS1RR007	LS2RR007	LS3RR007	LSAVR00
SCFHR00	SCFDR008	LS1LR008	LS2LR008	LS3LR008	LS1RR008	LS2RR008	LS3RR008	LSAVR00
SCFHR00	SCFDR009	LS1LR009	LS2LR009	LS3LR009	LS1RR009	LS2RR009	LS3RR009	LSAVR00
SCFHR01	SCFDR010	LS1LR010	LS2LR010	LS3LR010	LS1RR010	LS2RR010	LS3RR010	LSAVR01
SCFHR01	SCFDR011	LS1LR011	LS2LR011	LS3LR011	LS1RR011	LS2RR011	LS3RR011	LSAVR01
SCFHR01	SCFDR012	LS1LR012	LS2LR012	LS3LR012	LS1RR012	LS2RR012	LS3RR012	LSAVR01
SCFHR01	SCFDR013	LS1LR013	LS2LR013	LS3LR013	LS1RR013	LS2RR013	LS3RR013	LSAVR01
SCFHR01	SCFDR014	LS1LR014	LS2LR014	LS3LR014	LS1RR014	LS2RR014	LS3RR014	LSAVR01
SCFHR01	SCFDR015	LS1LR015	LS2LR015	LS3LR015	LS1RR015	LS2RR015	LS3RR015	LSAVR01

Test Hours	Reason For Airbox Inspection
Breakin	ABOXREBK
SCFHR00	ABRER001
SCFHR00	ABRER002
SCFHR00	ABRER003
SCFHR00	ABRER004
SCFHR00	ABRER005
SCFHR00	ABRER006
SCFHR00	ABRER007
SCFHR00	ABRER008
SCFHR00	ABRER009
SCFHR01	ABRER010
SCFHR01	ABRER011
SCFHR01	ABRER012
SCFHR01	ABRER013
SCFHR01	ABRER014
SCFHR01	ABRER015

Test Method D5862
(6V92TA)
Form 16A
Air Box Inspection Summary

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

% Area Cylinder Liner Scuffing

Number of Inspections (Excluding Breakin Inspection) NABINS

Hours	Date	1L	2L	3L	1R	2R	3R	Average
Breakin	ABKDAT	LSCF1LB	LSCF2LB	LSCF3LB	LSCF1RB	LSCF2RB	LSCF3RB	LSCUFAE
SCFHR01	SCFDR016	LS1LR016	LS2LR016	LS3LR016	LS1RR016	LS2RR016	LS3RR016	LSAVR01
SCFHR01	SCFDR017	LS1LR017	LS2LR017	LS3LR017	LS1RR017	LS2RR017	LS3RR017	LSAVR01
SCFHR01	SCFDR018	LS1LR018	LS2LR018	LS3LR018	LS1RR018	LS2RR018	LS3RR018	LSAVR01
SCFHR01	SCFDR019	LS1LR019	LS2LR019	LS3LR019	LS1RR019	LS2RR019	LS3RR019	LSAVR01
SCFHR02	SCFDR020	LS1LR020	LS2LR020	LS3LR020	LS1RR020	LS2RR020	LS3RR020	LSAVR02
SCFHR02	SCFDR021	LS1LR021	LS2LR021	LS3LR021	LS1RR021	LS2RR021	LS3RR021	LSAVR02
SCFHR02	SCFDR022	LS1LR022	LS2LR022	LS3LR022	LS1RR022	LS2RR022	LS3RR022	LSAVR02
SCFHR02	SCFDR023	LS1LR023	LS2LR023	LS3LR023	LS1RR023	LS2RR023	LS3RR023	LSAVR02
SCFHR02	SCFDR024	LS1LR024	LS2LR024	LS3LR024	LS1RR024	LS2RR024	LS3RR024	LSAVR02
SCFHR02	SCFDR025	LS1LR025	LS2LR025	LS3LR025	LS1RR025	LS2RR025	LS3RR025	LSAVR02
SCFHR02	SCFDR026	LS1LR026	LS2LR026	LS3LR026	LS1RR026	LS2RR026	LS3RR026	LSAVR02
SCFHR02	SCFDR027	LS1LR027	LS2LR027	LS3LR027	LS1RR027	LS2RR027	LS3RR027	LSAVR02
SCFHR02	SCFDR028	LS1LR028	LS2LR028	LS3LR028	LS1RR028	LS2RR028	LS3RR028	LSAVR02
SCFHR02	SCFDR029	LS1LR029	LS2LR029	LS3LR029	LS1RR029	LS2RR029	LS3RR029	LSAVR02
SCFHR03	SCFDR030	LS1LR030	LS2LR030	LS3LR030	LS1RR030	LS2RR030	LS3RR030	LSAVR03

Test Hours	Reason For Airbox Inspection
Breakin	ABOXREBK
SCFHR016	ABRER016
SCFHR017	ABRER017
SCFHR018	ABRER018
SCFHR019	ABRER019
SCFHR020	ABRER020
SCFHR02	ABRER021
SCFHR022	ABRER022
SCFHR023	ABRER023
SCFHR024	ABRER024
SCFHR025	ABRER025
SCFHR026	ABRER026
SCFHR027	ABRER027
SCFHR028	ABRER028
SCFHR029	ABRER029
SCFHR030	ABRER030

Test Method D5862
(6V92TA)
Form 16B
Air Box Inspection Summary

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

% Area Cylinder Liner Scuffing

Number of Inspections (Excluding Breakin Inspection) NABINS

Hours	Date	1L	2L	3L	1R	2R	3R	Average
Breakin	ABKDAT	LSCF1LB	LSCF2LB	LSCF3LB	LSCF1RB	LSCF2RB	LSCF3RB	LSCUFAE
SCFHR03	SCFDR031	LS1LR031	LS2LR03	LS3LR031	LS1RR031	LS2RR031	LS3RR031	LSAVR03
SCFHR03	SCFDR032	LS1LR032	LS2LR03	LS3LR032	LS1RR032	LS2RR032	LS3RR032	LSAVR03
SCFHR03	SCFDR033	LS1LR033	LS2LR03	LS3LR033	LS1RR033	LS2RR033	LS3RR033	LSAVR03
SCFHR03	SCFDR034	LS1LR034	LS2LR03	LS3LR034	LS1RR034	LS2RR034	LS3RR034	LSAVR03
SCFHR03	SCFDR035	LS1LR035	LS2LR03	LS3LR035	LS1RR035	LS2RR035	LS3RR035	LSAVR03
SCFHR03	SCFDR036	LS1LR036	LS2LR03	LS3LR036	LS1RR036	LS2RR036	LS3RR036	LSAVR03
SCFHR03	SCFDR037	LS1LR037	LS2LR03	LS3LR037	LS1RR037	LS2RR037	LS3RR037	LSAVR03
SCFHR03	SCFDR038	LS1LR038	LS2LR03	LS3LR038	LS1RR038	LS2RR038	LS3RR038	LSAVR03
SCFHR03	SCFDR039	LS1LR039	LS2LR03	LS3LR039	LS1RR039	LS2RR039	LS3RR03(	LSAVR03
SCFHR04	SCFDR040	LS1LR040	LS2LR04	LS3LR040	LS1RR040	LS2RR040	LS3RR04(	LSAVR04
SCFHR04	SCFDR041	LS1LR041	LS2LR04	LS3LR041	LS1RR041	LS2RR041	LS3RR041	LSAVR04
SCFHR04	SCFDR042	LS1LR042	LS2LR04	LS3LR042	LS1RR042	LS2RR042	LS3RR042	LSAVR04
SCFHR04	SCFDR043	LS1LR043	LS2LR04	LS3LR043	LS1RR043	LS2RR043	LS3RR043	LSAVR04
SCFHR04	SCFDR044	LS1LR044	LS2LR04	LS3LR044	LS1RR044	LS2RR044	LS3RR044	LSAVR04
SCFHR04	SCFDR045	LS1LR045	LS2LR04	LS3LR045	LS1RR045	LS2RR045	LS3RR045	LSAVR04

Test Hours	Reason For Airbox Inspection
Breakin	ABOXREBK
SCFHR03	ABRER031
SCFHR03	ABRER032
SCFHR03	ABRER033
SCFHR03	ABRER034
SCFHR03	ABRER035
SCFHR03	ABRER036
SCFHR03	ABRER037
SCFHR03	ABRER038
SCFHR03	ABRER039
SCFHR04	ABRER040
SCFHR04	ABRER041
SCFHR04	ABRER042
SCFHR04	ABRER043
SCFHR04	ABRER044
SCFHR04	ABRER045

Test Method D5862
(6V92TA)
Form 17
Test Fuel Analysis

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

Measurement	Specs.	Analysis	Test Method
API Gravity @ 15.6°C	33 Typical	APIGRAV	D 287
Cetane No.	40 Minimum	CETANENO	D 613
Distillation, °C			
IBP	160°C-204°C	FUELIBP	D 86
50%	246°C-288°C	FUEL50	D 86
90%	288°C-327°C	FUEL90	D 86
Kinematic Viscosity	1.9 cSt-4.0 cSt	KINVIS	D 445
Total Sulfur, % Weight	0.10%-0.40%	FUELSULF	D 2622
Flash Point	54°C Minimum	FLASHPT	D 92
Ash, % Weight	0.01% Maximum	FUELASH	D 482
Water & Solids, % Weight	0.05% Maximum	FUELH2O	D 2709
Gross Heat of Combustion	45.2 MJ/kg Minimum	FUELHEAT	D 240

Test Method D5862
(6V92TA)
Form 18
Characteristics Of The Data Acquisition System

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

Parameter (1)	Sensing Device (2)	Calibration Frequency (3)	Record Device (4)	Observation Frequency (5)	Record Frequency (6)	Log Frequency (7)	System Response (8)
Temperatures							
Oil Gall.	OGTSENS	OGTCALF	OGTREC	OGTOBSF	OGTRECF	OGTLOGF	OGTSYSR
Oil Sump	OSTSENS	OSTCALF	OSTREC	OSTOBSF	OSTRECF	OSTLOGF	OSTSYSR
Fuel	FTEMSENS	FTEMCALF	FTEMRE	FTEMOBSF	FTEMRECF	FTEMLOGF	FTEMSYSR
Cool In	CITSENS	CITCALF	CITRECI	CITOBSF	CITRECF	CITLOGF	CITSYSR
Cool Out	COTSENS	COTCALF	COTREC	COTOBSF	COTRECF	COTLOGF	COTSYSR
Air Inlet	AITSENS	AITCALF	AITRECI	AITOBSF	AITRECF	AITLOGF	AITSYSR
Other							
Fuel Flow	FFLOSENS	FFLOCALF	FFLORE(	FFLOOBSF	FFLORECF	FFLOLOGF	FFLOSYSR
Engine Speed	RPMSENS	RPMCALF	RPMREC	RPMOBSF	RPMRECF	RPMLOGF	RPMSYSR
Load	LOADSENS	LOADCALF	LOADRE	LOADOBSF	LOADRECF	LOADLOGF	LOADSYSR
Inlet Restr.	INRESENS	INRECALF	INRERE(	INREOBSF	INRERECF	INRELOGF	INRESYSR
Exh Press	EXPRSENS	EXPRCALF	EXPRRE	EXPROBSF	EXPRRECF	EXPRLOGF	EXPRSYSR
Oil Gal Pres.	OILGSENS	OILGCALF	OILGRE(	OILGOBSF	OILGRECF	OILGLOGF	OILGSYSR

Legend:
(1) Operating Parameter
(2) The Type Of Device Used To Measure Temperature, Pressure or Flow.
(3) Frequency At Which The Measurement System Is Calibrated.
(4) The Type of Device Where Data Is Recorded
 LG – Handlog Sheet
 DL – Automatic Data Logger
 SC – Strip Chart Recorder
 C/M – Computer, Using Manual Data Entry
 C/D – Computer, Using Direct I/O Entry
(5) Data Is Observed But Recorded Only If Off Spec.
(6) Data Is Recorded But Are Not Retained At EOT
(7) Data Is Logged As Permanent Record, Note Specify If:
 SS – Snapshot Taken At Specified Frequency
 AG/X Average Of X Data Points At Specified Frequency
(8) Time For The Output To Reach 63.2% Of Final Value For Step Change At Input

Test Method D5862
(6V92TA)
Form 19
Origin Of Critical Engine Parts

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

Part Name		**Part Origin** [A]	
Cylinder Liner		CYLLINOR	
Piston Dome		PSTDOMOR	
Piston Skirt		PSTSKTOR	
Slipper Bushings	#/Position	Left	Right
	1	SLPBUS1L	SLPBUS1R
	2	SLPBUS2L	SLPBUS2R
	3	SLPBUS3L	SLPBUS3R
Oil Control Ring Upper Groove		OCRUGOR	
Oil Control Ring Lower Groove		OCRLGOR	
Oil Ring Expander		ORNGEXOR	
Fire Ring		FIRRNGOR	
Compression Rings		CMPRNGOR	

[A] Part Origin Value are: Testkit, Production, or Mixed

Test Method D5862
(6V92TA)
Form 20
Outlier Information

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

COUNTER = NUMOUTLI

Parameter	Value	Test Time
PARAR001	VALUR001	TESTR001
PARAR002	VALUR002	TESTR002
PARAR003	VALUR003	TESTR003
PARAR004	VALUR004	TESTR004
PARAR005	VALUR005	TESTR005
PARAR006	VALUR006	TESTR006
PARAR007	VALUR007	TESTR007
PARAR008	VALUR008	TESTR008
PARAR009	VALUR009	TESTR009
PARAR010	VALUR010	TESTR010
PARAR011	VALUR011	TESTR011
PARAR012	VALUR012	TESTR012
PARAR013	VALUR013	TESTR013
PARAR014	VALUR014	TESTR014
PARAR015	VALUR015	TESTR015

Test Method D5862
(6V92TA)
Form 20A
Outlier Information

Laboratory LAB	EOT Date RDTCOMP DTCOMP
Test Number TESTNUM	Oil Code OILCODE CMIR
Formulation/Stand Code FORM	

COUNTER = NUMOUTLI

Parameter	Value	Test Time
PARAR016	VALUR016	TESTR016
PARAR017	VALUR017	TESTR017
PARAR018	VALUR018	TESTR018
PARAR019	VALUR019	TESTR019
PARAR020	VALUR020	TESTR020
PARAR021	VALUR021	TESTR021
PARAR022	VALUR022	TESTR022
PARAR023	VALUR023	TESTR023
PARAR024	VALUR024	TESTR024
PARAR025	VALUR025	TESTR025
PARAR026	VALUR026	TESTR026
PARAR027	VALUR027	TESTR027
PARAR028	VALUR028	TESTR028
PARAR029	VALUR029	TESTR029
PARAR030	VALUR030	TESTR030

Test Method D5862
(6V92TA)
Form 20B
Outlier Information

Laboratory LAB	EOT Date RDTCOMP	DTCOMP
Test Number TESTNUM	Oil Code OILCODE	CMIR
Formulation/Stand Code FORM		

COUNTER = NUMOUTLI

Parameter	Value	Test Time
PARAR031	VALUR031	TESTR031
PARAR032	VALUR032	TESTR032
PARAR033	VALUR033	TESTR033
PARAR034	VALUR034	TESTR034
PARAR035	VALUR035	TESTR035
PARAR036	VALUR036	TESTR036
PARAR037	VALUR037	TESTR037
PARAR038	VALUR038	TESTR038
PARAR039	VALUR039	TESTR039
PARAR040	VALUR040	TESTR040
PARAR041	VALUR041	TESTR041
PARAR042	VALUR042	TESTR042
PARAR043	VALUR043	TESTR043
PARAR044	VALUR044	TESTR044
PARAR045	VALUR045	TESTR045

Test Method D5862
(6V92TA)
Form 21
American Chemistry Council Code of Practice
Test Laboratory Conformance Statement

Test Laboratory	SUBLAB				
Test Sponsor	TSTSPON1				
Formulation / Stand Code	FORM				
Test Number	TESTNUM				
Start Date	DTSTRT	Start Time	STRTTIME	Time Zone	TZONE

Declarations

No. 1 All requirements of the ACC Code of Practice for which the test laboratory is responsible were met in the conduct of this test. Yes YESRQME No NORQME*

No. 2 The laboratory ran this test for the full duration following all procedural requirements; and all operational validity requirements of the latest version of the applicable test procedure (ASTM or other), including all updates issued by the organization responsible for the test, were met.

Yes YESFULL No NOFULL*

If the response to this Declaration is "No", does the test engineer consider the deviations from operational validity requirements that occurred to be beyond the control of the laboratory?
Yes ESNODE* No NONODE

No 3. A deviation occurred for one of the test parameters identified by the organization responsible for the test as being a special case. Yes YESDEV* No NODEV
(This currently applies only to specific deviations identified in the ASTM Information Letter System)

Check The Appropriate Conclusion

INCLUDE	Operational review of this test indicates that the results should be included in the Multiple Test Acceptance Criteria calculations.
DONOTINC	*Operational review of this test indicates that the results should not be included in the Multiple Test Acceptance Criteria calculations.

Note: *Supporting comments are required for all responses identified with an asterisk.*

Comments
ACCCOMM1
ACCCOMM2
ACCCOMM3
ACCCOMM4

SUBSIGIM _____ SUBDATE _____
Signature Date

SUBNAME _____ SUBTITLE _____
Typed Name Title