

D 7216 – Engine Oil Elastomer Compatibility (Annex A2 – Light-Duty Elastomers)
Form 1 – Validity Declaration

Version: LDEOC VERSION 20260921 Beta

TSTSPON1

Conducted For: TSTSPON2

LABVALID	V = Valid
	I = Invalid

Elastomer Type	Bath Number	Elastomer Batch	Oil Code	TESTKEY CMIR	SOT Date	SOT Time	EOT Date	EOT Time
Nitrile (HNBR1)	NBTHNUM	NEBCODE	NOLCODE	NCMIR	NSDATE	NSTIME	NDTCOMP	NEOTTIME
Polyacrylate (ACM1)	PBTHNUM	PEBCODE	POLCODE	PCMIR	PSDATE	PSTIME	PDTCOMP	PEOTTIME
Fluoroelastomer (FKM1)	FBTHNUM	FEBCODE	FOLCODE	FCMIR	FSDATE	FSTIME	FDTCOMP	FEOTTIME
Silicone (VMQ1)	SBTHNUM	SEBCODE	SOLCODE	SCMIR	SSDATE	SSTIME	SDTCOMP	SEOTTIME
Ethylene Acrylate (AEM1)	ABTHNUM	AEBCODE	AOLCODE	ACMIR	ASDATE	ASTIME	ADTCOMP	AEOTTIME
Polyacrylate-2 (ACM2)	P2BTHNUM	P2EBCODE	P2OLCODE	P2CMIR	P2SDATE	P2STIME	P2DTCOMP	P2EOTIME
Ethylene Acrylate-2 (AEM2)	A2BTHNUM	A2EBCODE	A2OLCODE	A2CMIR	A2SDATE	A2STIME	A2DTCOMP	A2EOTIME
Fluoroelastomer-3 (FKM3)	F3BTHNUM	F3EBCODE	F3OLCODE	F3CMIR	F3SDATE	F3STIME	F3DTCOMP	F3EOTIME
Ethylene Acrylate-3 (AEM3)	A3BTHNUM	A3EBCODE	A3OLCODE	A3CMIR	A3SDATE	A3STIME	A3DTCOMP	A3EOTIME

Alternative Codes:	ALTCODE1	ALTCODE2	ALTCODE3
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In my opinion this test OPVALID ____ been conducted in accordance with Test Method ASTM D 7216, Annex A2, and the appropriate amendments through the Information Letter System. The remarks on **Form 10** describe any anomalies associated with this test.

Submitted by: SUBLAB

Testing Laboratory

SUBSIGIM

Signature

SUBNAME

Typed Name

SUBTITLE

Title

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Form 2 – Candidate Data

Sample Code:	Test Method Version:	Lab:	EOT Date:	Test Length:
OILCODE	METHVER	LAB	DTCOMP	TESTLEN

Elastomer Identification	TMC Identification	Parameter	Reference Result	Candidate Result
Type:	Industry Oil:	VOLUME CHANGE	RNVLFNL	NVLFNL
NITRILE (HNBR1)	NIND	HARDNESS	RNPWFNL	NPWFNL
Batch:	CMIR (TESTKEY):	TENSILE STRENGTH	RNTSFNL	NTSFNL
NEBCODE	NCMIR			

Elastomer Identification	TMC Identification	Parameter	Reference Result	Candidate Result
Type:	Industry Oil:	VOLUME CHANGE	RPVLFNL	PVLFNL
POLYACRYLATE (ACM1)	PIND	HARDNESS	RPPWFNL	PPWFNL
Batch:	CMIR (TESTKEY):	TENSILE STRENGTH	RPTSFNL	PTSFNL
PEBCODE	PCMIR			

Elastomer Identification	TMC Identification	Parameter	Reference Result	Candidate Result
Type:	Industry Oil:	VOLUME CHANGE	RFVLFNL	FVLFNL
FLUOROELASTOMER (FKM1)	FIND	HARDNESS	RFPWFNL	FPFWFNL
Batch:	CMIR (TESTKEY):	TENSILE STRENGTH	RFTSFNL	FTSFNL
FEBCODE	FCMIR			

Elastomer Identification	TMC Identification	Parameter	Reference Result	Candidate Result
Type:	Industry Oil:	VOLUME CHANGE	RSVLFNL	SVLFNL
SILICONE (VQM1)	SIND	HARDNESS	RSPWFNL	SPWFNL
Batch:	CMIR (TESTKEY):	TENSILE STRENGTH	RSTSFNL	STSFNL
SEBCODE	SCMIR			

Elastomer Identification	TMC Identification	Parameter	Reference Result	Candidate Result
Type:	Industry Oil:	VOLUME CHANGE	RAVLFNL	AVLFNL
ETHYLENE ACRYLATE (AEM1)	AIND	HARDNESS	RAPWFNL	APWFNL
Batch:	CMIR (TESTKEY):	TENSILE STRENGTH	RATSFNL	ATSFNL
AEBCODE	ACMIR			

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Form 3 – Candidate Data (continued)

Sample Code:	Test Method Version:	Lab:	EOT Date:	Test Length:
OILCODE	METHVER	LAB	DTCOMP	TESTLEN

Elastomer Identification	TMC Identification	Parameter	Reference Result	Candidate Result
Type:	Industry Oil:	VOLUME CHANGE	RP2VLFNL	P2VLFNL
POLYACRYLATE-2 (ACM2)	P2IND	HARDNESS	RP2PHFNL	P2PHFNL
Batch:	CMIR (TESTKEY):	TENSILE STRENGTH	RP2TSFNL	P2TSFNL
P2EBCODE	P2CMIR			

Elastomer Identification	TMC Identification	Parameter	Reference Result	Candidate Result
Type:	Industry Oil:	VOLUME CHANGE	RA2VLFNL	A2VLFNL
ETHYLENE ACRYLATE-2 (AEM2)	A2IND	HARDNESS	RA2PHFNL	A2PHFNL
Batch:	CMIR (TESTKEY):	TENSILE STRENGTH	RA2TSFNL	A2TSFNL
A2EBCODE	A2CMIR			

Elastomer Identification	TMC Identification	Parameter	Reference Result	Candidate Result
Type:	Industry Oil:	VOLUME CHANGE	RF3VLFNL	F3VLFNL
FLUOROELASTOMER-3 (FKM3)	F3IND	HARDNESS	RF3PHFNL	F3PHFNL
Batch:	CMIR (TESTKEY):	TENSILE STRENGTH	RF3TSFNL	F3TSFNL
F3EBCODE	F3CMIR			

Elastomer Identification	TMC Identification	Parameter	Reference Result	Candidate Result
Type:	Industry Oil:	VOLUME CHANGE	RA3VLFNL	A3VLFNL
ETHYLENE ACRYLATE-3 (AEM3)	A3IND	HARDNESS	RA3PHFNL	A3PHFNL
Batch:	CMIR (TESTKEY):	TENSILE STRENGTH	RA3TSFNL	A3TSFNL
A3EBCODE	A3CMIR			

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Form 4 – Results Summary – Candidate (Non-Reference Oil)

Sample Code:	Lab Oil Code:	Lab:
OILCODE	LABOCODE	LAB

Elastomer Type: NETYPE			Elastomer Batch Code: NEBCODE Bath Number: NBTHNUM		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
NTSTTMP	NTESTLEN	NVL R001	NPH R001	NTS R001	
Start of Test, Date / Time	End of Test, Date / Time	NVL R002	NPH R002	NTS R002	
		NVL R003	NPH R003	NTS R003	
NSTIME	NEOTTIME	NVL R004	NPH R004	NTS R004	
NSDATE	NDTCOMP	NVL R005	NPH R005	NTS R005	
VOL, HARD, TENSTR Change		NVL R006	NPH R006	NTS R006	
Average		NVLAVG	NPHAVG	NTSAVG	
Correction Factor		NVLCOR	NPHCOR	NTSCOR	
Corrected Average		NVLFNL	NPHFNL	NTSFNL	
Standard Deviation		NVSTDEV	NHSTDEV	NTSTDEV	

Elastomer Type: PETYPE			Elastomer Batch Code: PEBCODE Bath Number: PBTHNUM		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
PTSTTMP	PTESTLEN	PVL R001	PPH R001	PTS R001	
Start of Test, Date / Time	End of Test, Date / Time	PVL R002	PPH R002	PTS R002	
		PVL R003	PPH R003	PTS R003	
PSTIME	PEOTTIME	PVL R004	PPH R004	PTS R004	
PSDATE	PDTCOMP	PVL R005	PPH R005	PTS R005	
VOL, HARD, TENSTR Change		PVL R006	PPH R006	PTS R006	
Average		PVLAVG	PPHAVG	PTSAVG	
Correction Factor		PVLCOR	PPHCOR	PTSCOR	
Corrected Average		PVLFNL	PPHFNL	PTSFNL	
Standard Deviation		PVSTDEV	PHSTDEV	PTSTDEV	

Elastomer Type: FETYPE			Elastomer Batch Code: FEBCODE Bath Number: FBTHNUM		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
FTSTTMP	FTESTLEN	FVL R001	FPH R001	FTS R001	
Start of Test, Date / Time	End of Test, Date / Time	FVL R002	FPH R002	FTS R002	
		FVL R003	FPH R003	FTS R003	
FSTIME	FEOTTIME	FVL R004	FPH R004	FTS R004	
FSDATE	FDTCOMP	FVL R005	FPH R005	FTS R005	
VOL, HARD, TENSTR Change		FVL R006	FPH R006	FTS R006	
Average		FVLAVG	FPHAVG	FTSAVG	
Correction Factor		FVLCOR	FPHCOR	FTSCOR	
Corrected Average		FVLFNL	FPHFNL	FTSFNL	
Standard Deviation		FVSTDEV	FHSTDEV	FTSTDEV	

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Form 5 – Results Summary – Candidate (Non-Reference Oil)

Sample Code:	Lab Oil Code:	Lab:
OILCODE	LABOCODE	LAB

Elastomer Type: SETYPE			Elastomer Batch Code: SEBCODE Bath Number: SBTHNUM		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
STSTTMP	STESTLEN	SVL R001	SPH R001	STS R001	
Start of Test, Date / Time	End of Test, Date / Time	SVL R002	SPH R002	STS R002	
		SVL R003	SPH R003	STS R003	
SSTIME	SEOTIME	SVL R004	SPH R004	STS R004	
SSDATE	SDTCOMP	SVL R005	SPH R005	STS R005	
VOL, HARD, TENSTR Change		SVL R006	SPH R006	STS R006	
Average		SVLAVG	SPHAVG	STSAVG	
Correction Factor		SVLCOR	SPHCOR	STSCOR	
Corrected Average		SVLFNL	SPHFNL	STSFNL	
Standard Deviation		SVSTDEV	SHSTDEV	STSTDEV	

Elastomer Type: AETYPE			Elastomer Batch Code: AEBCODE Bath Number: ABTHNUM		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
ATSTTMP	ATESTLEN	AVL R001	APH R001	ATS R001	
Start of Test, Date / Time	End of Test, Date / Time	AVL R002	APH R002	ATS R002	
		AVL R003	APH R003	ATS R003	
ASTIME	AEOTIME	AVL R004	APH R004	ATS R004	
ASDATE	ADTCOMP	AVL R005	APH R005	ATS R005	
VOL, HARD, TENSTR Change		AVL R006	APH R006	ATS R006	
Average		AVLAVG	APHAVG	ATSAVG	
Correction Factor		AVLCOR	APHCOR	ATSCOR	
Corrected Average		AVLFNL	APHFNL	ATSFNL	
Standard Deviation		AVSTDEV	AHSTDEV	ATSTDEV	

Elastomer Type: P2ETYPE			Elastomer Batch Code: P2EBCODE Bath Number: P2BTHNUM		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
P2TSTTMP	P2TSTLEN	P2VLR001	P2PHR001	P2TSR001	
Start of Test, Date / Time	End of Test, Date / Time	P2VLR002	P2PHR002	P2TSR002	
		P2VLR003	P2PHR003	P2TSR003	
P2STIME	P2EOTIME	P2VLR004	P2PHR004	P2TSR004	
P2SDATE	P2DTCOMP	P2VLR005	P2PHR005	P2TSR005	
VOL, HARD, TENSTR Change		P2VLR006	P2PHR006	P2TSR006	
Average		P2VLAvg	P2PHAvg	P2TSAvg	
Correction Factor		P2VLCOR	P2PHCOR	P2TSCOR	
Corrected Average		P2VLFNL	P2PHFNL	P2TSFNL	
Standard Deviation		P2VSTDEV	P2HSTDEV	P2TSTDEV	

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Form 6 – Results Summary – Candidate (Non-Reference Oil)

Sample Code:	Lab Oil Code:	Lab:
OILCODE	LABOCODE	LAB

Elastomer Type: A2ETYPE			Elastomer Batch Code: A2EBCODE Bath Number: A2BTHNUM		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
A2TSTTMP	A2TSTLEN	A2VLR001	A2PHR001	A2TSR001	
Start of Test, Date / Time	End of Test, Date / Time	A2VLR002	A2PHR002	A2TSR002	
		A2VLR003	A2PHR003	A2TSR003	
A2STIME	A2EOTIME	A2VLR004	A2PHR004	A2TSR004	
A2SDATE	A2DTCOMP	A2VLR005	A2PHR005	A2TSR005	
VOL, HARD, TENSTR Change		A2VLR006	A2PHR006	A2TSR006	
Average		A2VLAVG	A2PHAUG	A2TSAVG	
Correction Factor		A2VLCOR	A2PHCOR	A2TSCOR	
Corrected Average		A2VLFNL	A2PHFNL	A2TSFNL	
Standard Deviation		A2VSTDEV	A2HSTDEV	A2TSTDEV	

Elastomer Type: F3ETYPE			Elastomer Batch Code: F3EBCODE Bath Number: F3BTHNUM		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
F3TSTTMP	F3TSTLEN	F3VLR001	F3PHR001	F3TSR001	
Start of Test, Date / Time	End of Test, Date / Time	F3VLR002	F3PHR002	F3TSR002	
		F3VLR003	F3PHR003	F3TSR003	
F3STIME	F3EOTIME	F3VLR004	F3PHR004	F3TSR004	
F3SDATE	F3DTCOMP	F3VLR005	F3PHR005	F3TSR005	
VOL, HARD, TENSTR Change		F3VLR006	F3PHR006	F3TSR006	
Average		F3VLAVG	F3PHAUG	F3TSAVG	
Correction Factor		F3VLCOR	F3PHCOR	F3TSCOR	
Corrected Average		F3VLFNL	F3PHFNL	F3TSFNL	
Standard Deviation		F3VSTDEV	F3HSTDEV	F3TSTDEV	

Elastomer Type: A3ETYPE			Elastomer Batch Code: A3EBCODE Bath Number: A3BTHNUM		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
A3TSTTMP	A3TSTLEN	A3VLR001	A3PHR001	A3TSR001	
Start of Test, Date / Time	End of Test, Date / Time	A3VLR002	A3PHR002	A3TSR002	
		A3VLR003	A3PHR003	A3TSR003	
A3STIME	A3EOTIME	A3VLR004	A3PHR004	A3TSR004	
A3SDATE	A3DTCOMP	A3VLR005	A3PHR005	A3TSR005	
VOL, HARD, TENSTR Change		A3VLR006	A3PHR006	A3TSR006	
Average		A3VLAVG	A3PHAUG	A3TSAVG	
Correction Factor		A3VLCOR	A3PHCOR	A3TSCOR	
Corrected Average		A3VLFNL	A3PHFNL	A3TSFNL	
Standard Deviation		A3VSTDEV	A3HSTDEV	A3TSTDEV	

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Form 7 – Results Summary – Reference Oil

Lab Oil Code:	Lab:
LABOCODE	LAB

Elastomer Type: RNETYPE CMIR (TESTKEY): NCMIR Bath Number: RNBTHNUM			TMC Industry Oil Code: NIND Batch Code: RNEBCODE Bath Type: RNBTYPE		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
RNTSTTMP	RNTSTLEN	RNVLR001	RNPHR001	RNTSR001	
Start of Test, Date / Time	End of Test, Date / Time	RNVLR002	RNPHR002	RNTSR002	
		RNVLR003	RNPHR003	RNTSR003	
RNSTIME	RNEOTIME	RNVLR004	RNPHR004	RNTSR004	
RNSDATE	RNDTCOMP	RNVLR005	RNPHR005	RNTSR005	
VOL, HARD, TENSTR Change		RNVLR006	RNPHR006	RNTSR006	
Average		RNVLAVG	RNPHAVG	RNTSAVG	
Correction Factor		RNVLCOR	RNPHCOR	RNTSCOR	
Corrected Average		RNVLFNL	RNPHFNL	RNTSFNL	
Standard Deviation		RNVSTDEV	RNHSTDEV	RNTSTDEV	

Elastomer Type: RPETYPE CMIR (TESTKEY): PCMIR Bath Number: RPBTHNUM			TMC Industry Oil Code: PIND Batch Code: RPEBCODE Bath Type: RPBTYPE		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
RPTSTTMP	RPTSTLEN	RPVLR001	RPPHR001	RPTSR001	
Start of Test, Date / Time	End of Test, Date / Time	RPVLR002	RPPHR002	RPTSR002	
		RPVLR003	RPPHR003	RPTSR003	
RPSTIME	RPEOTIME	RPVLR004	RPPHR004	RPTSR004	
RPSDATE	RPDTCOMP	RPVLR005	RPPHR005	RPTSR005	
VOL, HARD, TENSTR Change		RPVLR006	RPPHR006	RPTSR006	
Average		RPVLAVG	RPPHAVG	RPTSAVG	
Correction Factor		RPVLCOR	RPPHCOR	RPTSCOR	
Corrected Average		RPVLFNL	RPPHFNL	RPTSFNL	
Standard Deviation		RPVSTDEV	RPHSTDEV	RPTSTDEV	

Elastomer Type: RFETYPE CMIR (TESTKEY): FCMIR Bath Number: RFBTHNUM			TMC Industry Oil Code: FIND Batch Code: RFEBCODE Bath Type: RFBTYPE		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
RFTSTTMP	RFTSTLEN	RFVLR001	RFPHR001	RFTSR001	
Start of Test, Date / Time	End of Test, Date / Time	RFVLR002	RFPHR002	RFTSR002	
		RFVLR003	RFPHR003	RFTSR003	
RFSTIME	RFEOTIME	RFVLR004	RFPHR004	RFTSR004	
RFSDATE	RFDTCOMP	RFVLR005	RFPHR005	RFTSR005	
VOL, HARD, TENSTR Change		RFVLR006	RFPHR006	RFTSR006	
Average		RFVLAVG	RFPHAVG	RFTSAVG	
Correction Factor		RFVLCOR	RFPHCOR	RFTSCOR	
Corrected Average		RFVLFNL	RFPHFNL	RFTSFNL	
Standard Deviation		RFVSTDEV	RFHSTDEV	RFTSTDEV	

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Form 8 – Results Summary – Reference Oil

Lab Oil Code:	Lab:
LABOCODE	LAB

Elastomer Type: RSETYPE CMIR (TESTKEY): SCMIR Bath Number: RSBTHNUM			TMC Industry Oil Code: SIND Batch Code: RSEBCODE Bath Type: RSBTYPE		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
RSTSTTMP	RSTSTLEN	RSVLR001	RSPHR001	RSTSR001	
Start of Test, Date / Time	End of Test, Date / Time	RSVLR002	RSPHR002	RSTSR002	
		RSVLR003	RSPHR003	RSTSR003	
RSSTIME	RSEOTIME	RSVLR004	RSPHR004	RSTSR004	
RSSDATE	RSDTCOMP	RSVLR005	RSPHR005	RSTSR005	
VOL, HARD, TENSTR Change		RSVLR006	RSPHR006	RSTSR006	
Average		RSVLAVG	RSPHAVG	RSTSAVG	
Correction Factor		RSVLCOR	RSPHCOR	RSTSCOR	
Corrected Average		RSVLFNL	RSPHFNL	RSTSFNL	
Standard Deviation		RSVSTDEV	RSHSTDEV	RSTSTDEV	

Elastomer Type: RAETYPE CMIR (TESTKEY): ACMIR Bath Number: RABTHNUM			TMC Industry Oil Code: AIND Batch Code: RAEBCODE Bath Type: RABTYPE		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
RATSTTMP	RATSTLEN	RAVLR001	RAPHR001	RATSR001	
Start of Test, Date / Time	End of Test, Date / Time	RAVLR002	RAPHR002	RATSR002	
		RAVLR003	RAPHR003	RATSR003	
RASTIME	RAEOTIME	RAVLR004	RAPHR004	RATSR004	
RASDATE	RADTCOMP	RAVLR005	RAPHR005	RATSR005	
VOL, HARD, TENSTR Change		RAVLR006	RAPHR006	RATSR006	
Average		RAVLAVG	RAPHAVG	RATSAVG	
Correction Factor		RAVLCOR	RAPHCOR	RATSCOR	
Corrected Average		RAVLFNL	RAPHFNL	RATSFNL	
Standard Deviation		RAVSTDEV	RAHSTDEV	RATSTDEV	

Elastomer Type: RP2ETYPE CMIR (TESTKEY): P2CMIR Bath Number: RP2BTNUM			TMC Industry Oil Code: P2IND Batch Code: RP2EBCOD Bath Type: RP2BTTYPE		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
RP2TSTMP	RP2TSTLN	RP2VR001	RP2HR001	RP2TR001	
Start of Test, Date / Time	End of Test, Date / Time	RP2VR002	RP2HR002	RP2TR002	
		RP2VR003	RP2HR003	RP2TR003	
RP2STIME	RP2ETIME	RP2VR004	RP2HR004	RP2TR004	
RP2SDATE	RP2DCOMP	RP2VR005	RP2HR005	RP2TR005	
VOL, HARD, TENSTR Change		RP2VR006	RP2HR006	RP2TR006	
Average		RP2VAVG	RP2HAVG	RP2TAVG	
Correction Factor		RP2VCOR	RP2HCOR	RP2TCOR	
Corrected Average		RP2VLFNL	RP2PHFNL	RP2TSFNL	
Standard Deviation		RP2VSDEV	RP2HSDEV	RP2TSDEV	

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Form 9 – Results Summary – Reference Oil

Lab Oil Code:	Lab:
LABOCODE	LAB

Elastomer Type: RA2ETYPE CMIR (TESTKEY): A2CMIR Bath Number: RA2BTNUM			TMC Industry Oil Code: A2IND Batch Code: RA2EBCOD Bath Type: RA2BTTYPE		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
RA2TSTMP	RA2TSTLN	RA2VR001	RA2HR001	RA2TR001	
Start of Test, Date / Time	End of Test, Date / Time	RA2VR002	RA2HR002	RA2TR002	
		RA2VR003	RA2HR003	RA2TR003	
RA2STIME	RA2ETIME	RA2VR004	RA2HR004	RA2TR004	
RA2SDATE	RA2DCOMP	RA2VR005	RA2HR005	RA2TR005	
VOL, HARD, TENSTR Change		RA2VR006	RA2HR006	RA2TR006	
Average		RA2VAVG	RA2HAVG	RA2TAVG	
Correction Factor		RA2VCOR	RA2HCOR	RA2TCOR	
Corrected Average		RA2VLFNL	RA2PHFNL	RA2TSFNL	
Standard Deviation		RA2VSDEV	RA2HSDEV	RA2TSDEV	

Elastomer Type: RF3ETYPE CMIR (TESTKEY): F3CMIR Bath Number: RF3BTNUM			TMC Industry Oil Code: F3IND Batch Code: RF3EBCOD Bath Type: RF3BTTYPE		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
RF3TSTMP	RF3TSTLN	RF3VR001	RF3HR001	RF3TR001	
Start of Test, Date / Time	End of Test, Date / Time	RF3VR002	RF3HR002	RF3TR002	
		RF3VR003	RF3HR003	RF3TR003	
RF3STIME	RF3ETIME	RF3VR004	RF3HR004	RF3TR004	
RF3SDATE	RF3DCOMP	RF3VR005	RF3HR005	RF3TR005	
VOL, HARD, TENSTR Change		RF3VR006	RF3HR006	RF3TR006	
Average		RF3VAVG	RF3HAVG	RF3TAVG	
Correction Factor		RF3VCOR	RF3HCOR	RF3TCOR	
Corrected Average		RF3VLFNL	RF3PHFNL	RF3TSFNL	
Standard Deviation		RF3VSDEV	RF3HSDEV	RF3TSDEV	

Elastomer Type: RA3ETYPE CMIR (TESTKEY): A3CMIR Bath Number: RA3BTNUM			TMC Industry Oil Code: A3IND Batch Code: RA3EBCOD Bath Type: RA3BTTYPE		
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	
RA3TSTMP	RA3TSTLN	RA3VR001	RA3HR001	RA3TR001	
Start of Test, Date / Time	End of Test, Date / Time	RA3VR002	RA3HR002	RA3TR002	
		RA3VR003	RA3HR003	RA3TR003	
RA3STIME	RA3ETIME	RA3VR004	RA3HR004	RA3TR004	
RA3SDATE	RA3DCOMP	RA3VR005	RA3HR005	RA3TR005	
VOL, HARD, TENSTR Change		RA3VR006	RA3HR006	RA3TR006	
Average		RA3VAVG	RA3HAVG	RA3TAVG	
Correction Factor		RA3VCOR	RA3HCOR	RA3TCOR	
Corrected Average		RA3VLFNL	RA3PHFNL	RA3TSFNL	
Standard Deviation		RA3VSDEV	RA3HSDEV	RA3TSDEV	

D 7216 – Engine Oil Elastomer Compatibility (Annex A2 – Light-Duty Elastomers)
Form 10 – Comments

Sample Code:	OILCODE	Lab:	LAB	EOT Date:	DTCOMP
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Number of Comment Lines:	TOTCOM
OCOMR001	
OCOMR002	
OCOMR003	
OCOMR004	
OCOMR005	
OCOMR006	
OCOMR007	
OCOMR008	
OCOMR009	
OCOMR010	
OCOMR011	
OCOMR012	
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OCOMR014	
OCOMR015	
OCOMR016	
OCOMR017	
OCOMR018	
OCOMR019	
OCOMR020	
OCOMR021	
OCOMR022	
OCOMR023	
OCOMR024	
OCOMR025	
OCOMR026	
OCOMR027	
OCOMR028	
OCOMR029	