D xxxx – Engine Oil Elastomer Compatibility Form 1 – Validity Declaration

Version: EOEC VERSION 20040315 BETA
Conducted for: CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

C	**V** = Valid
	I = Invalid

Elastomer Type	Bath Number	Elastomer Batch	Oilcode	CMIR	SOT Date	SOT Time	EOT Date	EOT Time
Nitrile	CC	CCCCCCC	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CCCCCC	YYYYMMDD	HH:MM	YYYYMMDD	HH:MM
Polyacrylate	CC	CCCCCCC		CCCCCC	YYYYMMDD	HH:MM	YYYYMMDD	HH:MM
Fluoroelastomer	CC	CCCCCCC		CCCCCC	YYYYMMDD	HH:MM	YYYYMMDD	HH:MM
Silicon	CC	CCCCCCC		CCCCCC	YYYYMMDD	HH:MM	YYYYMMDD	HH:MM
Vamac	CC	CCCCCCC		CCCCCC	YYYYMMDD	HH:MM	YYYYMMDD	HH:MM

Alternate Codes:	CCCCCCCCCCCCCCC	CCCCCCCCCCCCCCC	CCCCCCCCCCCCCCC

In my opinion this test CCCCCCCC_____ been conducted in accordance with Test Method D xxxx and the appropriate amendments through the information letter system. The remarks on Form 7 describe any anomalies associated with this test.

Submitted By: CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

Testing Laboratory

Signature Image

Signature

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

Typed Name

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

Title

D xxxx – Engine Oil Elastomer Compatibility
Form 2 – Candidate Data

Sample Code: CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	Lab: CC	EOT Date: YYYYMMDD Test Length: S1234

Elastomer Identification	TMC Identification	Parameter	Specification Limit	Acceptance Limits Updated on: YYYYMMDD			Reference Result	Candidate Result
Type:	Industry Oil:	Volume Change	+5% to –3%	S12.12	To	S12.12	S12.12	S12.12
Nitrile	CCCCCC	Hardness	+7 pts to –5 pts	S12	To	S12	S12	S12
Batch:	CMIR:	Tensile Strength	+10% to –TMC 1006	S123.1	To	S123.1	S123.1	S123.1
CCCCCCC	CCCCCC	Elongation	+10% to –TMC 1006	S123.1	To	S123.1	S123.1	S123.1

Elastomer Identification	TMC Identification	Parameter	Specification Limit	Acceptance Limits Updated on: YYYYMMDD			Reference Result	Candidate Result
Type:	Industry Oil:	Volume Change	+5% to –3%	S12.12	to	S12.12	S12.12	S12.12
Polyacrylate	CCCCCC	Hardness	+8 pts to –5 pts	S12	to	S12	S12	S12
Batch:	CMIR:	Tensile Strength	+18% to –15%	S123.1	to	S123.1	S123.1	S123.1
CCCCCCC	CCCCCC	Elongation	+10% to –35%	S123.1	to	S123.1	S123.1	S123.1

Elastomer Identification	TMC Identification	Parameter	Specification Limit	Acceptance Limits Updated on: YYYYMMDD			Reference Result	Candidate Result
Type:	Industry Oil:	Volume Change	+5% to –2%	S12.12	to	S12.12	S12.12	S12.12
Fluoroelastomer	CCCCCC	Hardness	+7 pts to –5 pts	S12	to	S12	S12	S12
Batch:	CMIR:	Tensile Strength	+10% to –TMC 1006	S123.1	to	S123.1	S123.1	S123.1
CCCCCCC	CCCCCC	Elongation	+10% to –TMC 1006	S123.1	to	S123.1	S123.1	S123.1

Elastomer Identification	TMC Identification	Parameter	Specification Limit	Acceptance Limits Updated on: YYYYMMDD			Reference Result	Candidate Result
Type:	Industry Oil:	Volume Change	+TMC 1006 to –3%	S12.12	to	S12.12	S12.12	S12.12
Silicon	CCCCCC	Hardness	+5 pts to –TMC 1006	S12	to	S12	S12	S12
Batch:	CMIR:	Tensile Strength	+10% to –45%	S123.1	to	S123.1	S123.1	S123.1
CCCCCCC	CCCCCC	Elongation	+20% to –30%	S123.1	to	S123.1	S123.1	S123.1

Elastomer Identification	TMC Identification	Parameter	Specification Limit	Acceptance Limits Updated on: YYYYMMDD			Reference Result	Candidate Result
Type:	Industry Oil:	Volume Change	Report	S12.12	to	S12.12	S12.12	S12.12
Vamac	CCCCCC	Hardness	Report	S12	to	S12	S12	S12
Batch:	CMIR:	Tensile Strength	Report	S123.1	to	S123.1	S123.1	S123.1
CCCCCCC	CCCCCC	Elongation	Report	S123.1	to	S123.1	S123.1	S123.1

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Form 3 – Results Summary – Non-Reference Oil

Sample Code: CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	Lab: CC
Lab Oil Code: CCCCCCCCCCCCCCCCCCCC	

Elastomer Type: CCCCCCCCCCCCCCCC		Elastomer Batch Code: CCCCCCC			
SOT Time: HH:MM		EOT Time: HH:MM			
SOT Date: YYYYMMDD		EOT Date: YYYYMMDD		Bath Number: CC	
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	Elongation Change, %
S123	S1234	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
Average		S12.12	S12	S123.1	S123.1
Standard Deviation		S12.12	S12.12	S12.12	S12.12

Elastomer Type: CCCCCCCCCCCCCCCC		Elastomer Batch Code: CCCCCCC			
SOT Time: HH:MM		EOT Time: HH:MM			
SOT Date: YYYYMMDD		EOT Date: YYYYMMDD		Bath Number: CC	
S123	S1234	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
Average		S12.12	S12	S123.1	S123.1
Standard Deviation		S12.12	S12.12	S12.12	S12.12

Elastomer Type: CCCCCCCCCCCCCCCC		Elastomer Batch Code: CCCCCCC			
SOT Time: HH:MM		EOT Time: HH:MM			
SOT Date: YYYYMMDD		EOT Date: YYYYMMDD		Bath Number: CC	
S123	S1234	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
Average		S12.12	S12	S123.1	S123.1
Standard Deviation		S12.12	S12.12	S12.12	S12.12

Elastomer Type: CCCCCCCCCCCCCCCCCCCC		Elastomer Batch Code: CCCCCCC			
SOT Time: HH:MM		EOT Time: HH:MM			
SOT Date: YYYYMMDD		EOT Date: YYYYMMDD		Bath Number: CC	
S123	S1234	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
Average		S12.12	S12	S123.1	S123.1
Standard Deviation		S12.12	S12.12	S12.12	S12.12

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Form 4 – Results Summary – Non-Reference Oil - Vamac

Sample Code: CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	Lab: CC
Lab Oil Code: CCCCCCCCCCCCCCCCCCCC	

Elastomer Type: CCCCCCCCCCCCCCCCCCCC			Elastomer Batch Code: CCCCCCC		
SOT Time: HH:MM		EOT Time: HH:MM			
SOT Date: YYYYMMDD		EOT Date: YYYYMMDD		Bath Number: CC	
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	Elongation Change, %
S123	S1234	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
Average		S12.12	S12	S123.1	S123.1
Standard Deviation		S12.12	S12.12	S12.12	S12.12

D xxxx – Engine Oil Elastomer Compatibility
Form 5 – Results Summary – Reference Oil

Lab Oil Code: CCCCCCCCCCCCCCCCCCCC	Lab: CC

CMIR: CCCCCC			TMC Industry Oil Code: CCCCCC		
Elastomer Type: CCCCCCCCCCCCCCCCCCCC			Elastomer Batch Code: CCCCCCC		
SOT Time: HH:MM		EOT Time: HH:MM			
SOT Date: YYYYMMDD		EOT Date: YYYYMMDD		Bath Number: CC	
Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	Elongation Change, %
S123	S1234	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
Average		S12.12	S12	S123.1	S123.1
Standard Deviation		S12.12	S12.12	S12.12	S12.12

CMIR: CCCCCC			TMC Industry Oil Code: CCCCCC		
Elastomer Type: CCCCCCCCCCCCCCCCCCCC			Elastomer Batch Code: CCCCCCC		
SOT Time: HH:MM		EOT Time: HH:MM			
SOT Date: YYYYMMDD		EOT Date: YYYYMMDD		Bath Number: CC	
S123	S1234	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
Average		S12.12	S12	S123.1	S123.1
Standard Deviation		S12.12	S12.12	S12.12	S12.12

CMIR: CCCCCC			TMC Industry Oil Code: CCCCCC		
Elastomer Type: CCCCCCCCCCCCCCCCCCCC			Elastomer Batch Code: CCCCCCC		
SOT Time: HH:MM		EOT Time: HH:MM			
SOT Date: YYYYMMDD		EOT Date: YYYYMMDD		Bath Number: CC	
S123	S1234	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
Average		S12.12	S12	S123.1	S123.1
Standard Deviation		S12.12	S12.12	S12.12	S12.12

CMIR: CCCCCC			TMC Industry Oil Code: CCCCCC		
Elastomer Type: CCCCCCCCCCCCCCCCCCCC			Elastomer Batch Code: CCCCCCC		
SOT Time: HH:MM		EOT Time: HH:MM			
SOT Date: YYYYMMDD		EOT Date: YYYYMMDD		Bath Number: CC	
S123	S1234	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
Average		S12.12	S12	S123.1	S123.1
Standard Deviation		S12.12	S12.12	S12.12	S12.12

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Form 6 – Results Summary – Reference Oil - Vamac

Lab Oil Code: CCCCCCCCCCCCCCCCCCCC	Lab: CC

CMIR: CCCCCC		TMC Industry Oil Code: CCCCCC	
Elastomer Type: CCCCCCCCCCCCCCCCCCCC		Elastomer Batch Code: CCCCCCC	
SOT Time: HH:MM	EOT Time: HH:MM		
SOT Date: YYYYMMDD	EOT Date: YYYYMMDD	Bath Number: CC	

Test Temperature, °C	Test Duration, Hours	Volume Change, %	Hardness Change, Points	Tensile Strength Change, %	Elongation Change, %
S123	S1234	AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
		AAAAAAA	AAAAAAA	AAAAAAA	AAAAAAA
Average		S12.12	S12	S123.1	S123.1
Standard Deviation		S12.12	S12.12	S12.12	S12.12

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Form 7 – Comments

Sample Code: cccccccccccccccccccccccccccccccccccccccc	Lab: CC	EOT Date: YYYYMMDD

Number of comment lines: S12
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