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

Version:

Conducted for:

				V = Valid I = Invalid						
Elastomer Type	Bath Number	Elastomer Batch		Oilcode		CMIR	SOT Date	SOT Time	EOT Date	EO Tim
Nitrile	2 / 0/2220 02									
Polyacrylate										
Fluoroelastomer										
Silicon										
Vamac										
In my op through t	inion this tes	ton letter syste	been c em. The remark	conducted in accordarks on Form 7 descri	be any anoma	Method D xx lies associated	exx and the ap I with this tes	st.	nmendments ing Laboratory	
					-				Signature Typed Name	
									Title	;

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

Sample Code:	Lab:	EOT Date:
		Test Length:

Elastomer Identification	TMC Identification	Parameter	Specification Limit	Acceptance Limits Updated on:	Reference Result	Candidate Result
Type:	Industry Oil:	Volume Change	+5% to -3%	То		
Nitrile		Hardness	+7 pts to –5 pts	То		
Batch:	CMIR:	Tensile Strength	+10% to -TMC 1006	То		
		Elongation	+10% to -TMC 1006	То		

Elastomer	TMC	Parameter	Specification Limit	Acceptance Limits	Reference	Candidate
Identification	Identification			Updated on:	Result	Result
Type:	Industry Oil:	Volume Change	+5% to −3%	to		
Polyacrylate		Hardness	+8 pts to −5 pts	to		
Batch:	CMIR:	Tensile Strength	+18% to -15%	to		
		Elongation	+10% to -35%	to		

Elastomer	TMC	Parameter	Specification Limit	Acceptance Limits	Reference	Candidate
Identification	Identification			Updated on:	Result	Result
Type:	Industry Oil:	Volume Change	+5% to -2%	to		
Fluoroelastomer		Hardness	+7 pts to -5 pts	to		
Batch:	CMIR:	Tensile Strength	+10% to -TMC 1006	to		
		Elongation	+10% to -TMC 1006	to		

Elastomer	TMC	Parameter	Specification Limit	Acceptance Limits	Reference	Candidate
Identification	Identification			Updated on:	Result	Result
Type:	Industry Oil:	Volume Change	+TMC 1006 to −3%	to		
Silicon		Hardness	+5 pts to -TMC 1006	to		
Batch:	CMIR:	Tensile Strength	+10% to -45%	to		
		Elongation	+20% to -30%	to		

Elastomer	TMC	Parameter	Specification Limit	Acceptance Limits	Reference	Candidate
Identification	Identification			Updated on:	Result	Result
Type:	Industry Oil:	Volume Change	Report	to		
Vamac		Hardness	Report	to		
Batch:	CMIR:	Tensile Strength	Report	to		
		Elongation	Report	to		

D xxxx - Engine Oil Elastomer Compatibility Form 3 - Results Summary - Non-Reference Oil

Sample Code: Lab Oil Code:			Lab:	
Elastomer Type: SOT Time:	EOT Time:	Elastomer Batch Code:	Code:	
	EOT Date:		Bath Number:	
Test Test Temperature, Duration, °C Hours	Volume Change,	Hardness Change, Points	Tensile Strength Change, %	Elongation Change, %
Average				
Surrant of Destination				
Elastomer Type: SOT Time:	EOT Time:	Elastomer Batch Code:	Code:	
Average Standard Deviation				
Elastomer Type:		Elastomer Batch Code:	Code:	
SOT Time: SOT Date:	EOT Time: EOT Date:		Bath Number:	
Average Standard Deviation				
71		71-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		
Elastomer Type: SOT Time:	EOT Time:	Elastomer Batch Code:	Code:	
Average				
Standard Deviation				

D xxxx – Engine Oil Elastomer Compatibility Form 4 – Results Summary – Non-Reference Oil - Vamac

Lab Oil Code:	Sample Code:	
	Lab:	

				'n	Standard Deviation
					Average
%	Change, %	Points	%	Hours	O°
Change,	Strength	Change,	Change,	Duration,	Temperature,
Elongation	Tensile	Hardness	Volume	Test	Test
	Bath Number:		EOT Date:		SOT Date:
			EOT Time:		SOT Time:
	Code:	Elastomer Batch Code:			Elastomer Type:

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

)n	Average Standard Deviation
					•
	il Code: Code: Bath Number:	TMC Industry Oil Code: Elastomer Batch Code: Bath N	EOT Time: EOT Date:		CMIR: Elastomer Type: SOT Time: SOT Date:
)n	Average Standard Deviation
	il Code: Code: Bath Number:	TMC Industry Oil Code: Elastomer Batch Code: Bath N	EOT Time: EOT Date:		CMIR: Elastomer Type: SOT Time: SOT Date:
				УП	Average Standard Deviation
	il Code: Code: Bath Number:	TMC Industry Oil Code: Elastomer Batch Code: Bath N	EOT Time: EOT Date:		CMIR: Elastomer Type: SOT Time: SOT Date:
				УП	Average Standard Deviation
Elongation Change, %	Tensile Strength Change, %	Hardness Change, Points	Volume Change, %	Test Duration, Hours	Test Temperature, °C
	il Code: Code: Bath Number:	TMC Industry Oil Code: Elastomer Batch Code: Bath N	EOT Time: EOT Date:		CMIR: Elastomer Type: SOT Time: SOT Date:
	Lab:				Lab Oil Code:

D xxxx – Engine Oil Elastomer Compatibility Form 6 – Results Summary – Reference Oil - Vamac

Lab:

Lab Oil Code:

Standard Deviation	Average				°C	Temperature,	Test	SOT Date:	SOT Time:	Elastomer Type:	CMIR:
			1		Hours	Duration,	Test				
					%	Change,	Volume	EOT Date:	EOT Time:		
					Points	Change,	Hardness			Elastomer Batch Code:	TMC Industry Oil Code:
					Change, %	Strength	Tensile	Bath Number:		Code:	il Code:
					%	Change,	Elongation				

D xxxx – Engine Oil Elastomer Compatibility Form 7 – Comments