

**D 7216 – Engine Oil Elastomer Compatibility (Annex A2 – Light-Duty Elastomers)
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	EOT Time
Nitrile								
Polyacrylate								
Fluoroelastomer								
Silicone								
Ethylene Acrylate								

Alternate Codes:			
------------------	--	--	--

In my opinion this test _____ been conducted in accordance with Test Method D 7216, Annex A2, and the appropriate amendments through the Information Letter System. The remarks on Form 7 describe any anomalies associated with this test.

Submitted By: _____
Testing Laboratory

Signature

Typed Name

Title

D 7216 – Engine Oil Elastomer Compatibility (Annex A2 – Light-Duty Elastomers)
Form 3 – Results Summary – Non-Reference Oil

Sample Code:	Lab:
Lab Oil Code:	

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

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

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

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

**D 7216 – Engine Oil Elastomer Compatibility (Annex A2 – Light-Duty Elastomers)
Form 4 – Results Summary – Non-Reference Oil - Ethylene Acrylate**

Sample Code:	Lab:
Lab Oil Code:	

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

**D 7216 – Engine Oil Elastomer Compatibility (Annex A2 – Light-Duty Elastomers)
Form 5 – Results Summary – Reference Oil**

Lab Oil Code:	Lab:
---------------	------

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

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

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

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

**D 7216 – Engine Oil Elastomer Compatibility (Annex A2 – Light-Duty Elastomers)
Form 6 – Results Summary – Reference Oil - Ethylene Acrylate**

Lab Oil Code:	Lab:
---------------	------

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

