

SAE HNBR1 Elastomer Seal Compatibility Test for dexos®

Version:	
Elastomer Type:	
Test Sponsor:	
Test Lab:	
Test Number:	

Test Information			
Validity Declaration: V = Valid; I = Invalid			
SAE Viscosity Grade:		Elastomer Cure Date:	
Bath Number:		Bath Run Number:	
Formulation Stand Code: ^A			
Oil Code:			
Date Started:		Time Started:	
Date Completed:		Time Completed:	
Immersion Time:		Temperature (°C)	

^AFormulation Stand Code = SponID-SponsorCode-Modification-Blend-ElastomerType-Count-LabCode-Bath

Test Results			
1. Hardness (Shore A Points)			
	Median	Variation (points)	Limit
Before Immersion Test			
After Immersion Test			-10 to +5
2. Tensile Strength (MPa)			
	Median	Variation (%)	Limit
Before Immersion Test			
After Immersion Test			-20 to +15
3. Elongation at Rupture (%)			
	Median	Variation (%)	Limit
Before Immersion Test			
After Immersion Test			-35 to 0
4. Volume Variation (%)			
		Variation (%)	Limit
Relative Volume Change			-5 to +10
5. Change in Tensile Stress at 50% Elongation (%)			
	50%	Variation (%)	Limit
Before Immersion Test			
After Immersion Test			-10 to +35

Test Comments