

## SAE J2643 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: <sup>A</sup>         |  |                      |  |
| Oil Code:                                    |  |                      |  |
| Date Started:                                |  | Time Started:        |  |
| Date Completed:                              |  | Time Completed:      |  |
| Immersion Time:                              |  | Temperature (°C)     |  |

<sup>A</sup>Formulation 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 +10 |

#### 2. Tensile Strength (MPa)

|                       | Median | Variation (%) | Limit      |
|-----------------------|--------|---------------|------------|
| Before Immersion Test |        |               |            |
| After Immersion Test  |        |               | -80 to +50 |

#### 3. Elongation at Rupture (%)

|                       | Median | Variation (%) | Limit      |
|-----------------------|--------|---------------|------------|
| Before Immersion Test |        |               |            |
| After Immersion Test  |        |               | -90 to +55 |

#### 4. Volume Variation (%)

|                        |  | Variation (%) | Limit    |
|------------------------|--|---------------|----------|
| Relative Volume Change |  |               | -5 to +5 |

#### 5. Change in Tensile Stress at 50% Elongation (%)

|                       | 50% | Variation (%) | Limit      |
|-----------------------|-----|---------------|------------|
| Before Immersion Test |     |               |            |
| After Immersion Test  |     |               | -50 to +55 |

### Test Comments

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