

**DEXRON® SAE J2490 µPVT Test****Report Form****Form 1****Version**

<b>Formulation Code</b>							
Formulation Code							
SID	SponsorCode	Modification	Blend	Method	Count	Lab	Instrument

<b>Blended Sample Testing Information<sup>A</sup></b>			
Candidate Percentage		Other Percentage	
Other Fluid ID			

<sup>A</sup> If not a Blended Sample then report 100% Candidate Percentage, 0% Other Percentage, and "None" for Blend Fluid ID.

<b>Test Identification</b>			
Sponsor			
Sponsor In-House Number			
Lab In-House Number			
Alternate Code			
Test Number <sup>B</sup>			
Instrument		Run Number	
Start Date		Start Time	
EOT Date		EOT Time	

<sup>B</sup> Test Number = Instrument – Runs since last reference test – Total Runs on Instrument

<b>Test Validity Statement</b>	
This test has been conducted in a valid manner – YES or NO	
*Test	
Signature	
Typed Name	
Title	

**DEXRON® SAE J2490  $\mu$ PVT Test  
Pass/Fail Results  
Form 2**

Formulation Code	
Test Number	

## Test Operation Information

## Total Test Cycles

Test Operational Details	
Clutch Plate Type	
Friction Material ID, mm	
Friction Material OD, mm	
Groove %	
Groove Pattern	
Effective Friction Radius, mm	
Apply Piston Area, mm <sup>2</sup>	
Friction Material Type	
Friction Material Batch	
Steel Separator Type	
Steel Separator Batch	
Change in Clutch Pack Clearance, SOT to EOT, mm	

## Test Comments

**DEXRON® SAE J2490  $\mu$ PVT Test**  
**Candidate Fluid Test Results**  
**Form 3**

Formulation Code										
Test Number										

Total Cycles	Test Level	Cycle	Stop Time	Oil Temperature [°C]		Apply Pressure [kPa]		Midpoint Torque [Nm]	Endpoint Torque [Nm]	CoF	End/Mid CoF Ratio	Static Torque	Breakaway CoF
			[s]	Spec	Actual	Spec	Actual					[Nm]	
50	BI1	50		50		165						n/a	n/a
100	BI2	50		50		235						n/a	n/a
150	BI3	50		50		305						n/a	n/a
200	BI4	50		50		370						n/a	n/a
225	A	25		50		83							
250	B	25		50		83							
275	C	25		50		166							
300	D	25		50		166							
325	E	25		110		83							
350	F	25		110		83							
375	G	25		110		166							
400	H	25		110		166							
425	I	25		110		248							
450	J	25		110		248							
475	K	25		110		373							
500	L	25		110		373							
525	M	25		50		248							
550	N	25		50		248							
575	O	25		50		373							
600	P	25		50		373							



**DEXRON® SAE J2490  $\mu$ PVT Test  
Pressure & Temperature Plot  
Form 5**

Formulation Code	
Test Number	

**DEXRON® SAE J2490  $\mu$ PVT Test  
Midpoint, Endpoint, and Static Torque Plot  
Form 6**

Formulation Code	
Test Number	

**DEXRON® SAE J2490  $\mu$ PVT Test**  
**Midpoint, Endpoint, and Breakaway Coefficients of Friction Plot**  
**Form 7**

Formulation Code	
Test Number	

**DEXRON® SAE J2490  $\mu$ PVT Test**  
**Torque Plots – Break-In Phase & Test Levels A-D**  
**Form 8**

Formulation Code	
Test Number	

**DEXRON® SAE J2490  $\mu$ PVT Test  
Torque Plots – Test Levels E-H & I-L  
Form 9**

Formulation Code	
Test Number	

**DEXRON® SAE J2490  $\mu$ PVT Test  
Torque Plots – Test Levels M-P  
Form 10**

Formulation Code	
Test Number	

**DEXRON® SAE J2490  $\mu$ PVT Test**  
**Static Torque Plots – Test Levels A-D & E-H**  
**Form 11**

Formulation Code	
Test Number	

**DEXRON® SAE J2490  $\mu$ PVT Test  
Static Torque Plots – Test Levels I-L & M-P  
Form 12**

Formulation Code	
Test Number	