

DEXRON® GM 6L80 Cycling Test
Report Form
Form 1
Version

Formulation Code							
Formulation Code							
SPONID	SponsorCode	Modification	Blend	Count	TestType	Lab	Instrument

Blended Sample Testing Information ^A			
Candidate Percentage			Other Percentage
Other Fluid ID			

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

Test Identification			
Sponsor			
Sponsor In-House Number			
Lab In-House Number			
Alternate Code			
Test Number ^B			
Instrument		Run Number	
Start Date		Start Time	
EOT Date		EOT Time	

^B Test Number = Instrument – Run Number

Test Validity Statement	
This test has been conducted in a valid manner – YES or NO	
Test Laboratory	
Signature	
Typed Name	
Title	

**DEXRON® GM 6L80 Cycling Test
Pass/Fail Results
Form 2**

Formulation Code	
Test Number	

Pass/Fail Results		
Parameter	Unit	Result^A
Total Acid Number Increase		
Used Fluid Viscosity @ 100°C	cSt	
Used Fluid Viscosity @ -20°C	cP	
Used Fluid Viscosity @ -40°C	cP	
Pentane Insolubles (D893 Procedure B)	%	
Toluene Insolubles (D893 Procedure B)	%	
Insoluble Resins (D893 Procedure B)	%	
ATF expulsion from vent?	YES/NO	
3-4 Shift NVH Count		
Clutch 1-2-3-4 Wear vs Reference Fluid	mm	
Clutch 2-6 Wear vs Reference Fluid	mm	
Clutch 3-5-R Wear vs Reference Fluid	mm	
Clutch 4-5-6 Wear vs Reference Fluid	mm	
Test Fluid analytical results are shown on Form 3		
Reference Fluid analytical results are shown on Form 4		
Test Fluid Shift Time results are shown on Form 5		
Reference Fluid Shift Time results are shown on Form 6		
Friction material wear measurements are shown on Form 7		
Test Fluid Transmission parts condition is shown on Form 8		
Reference Fluid Transmission parts condition is shown on Form 9		

^AReport 0 for values below the measurement threshold of the instrument. Do not use less than (“<”) symbol.

Test Operating Conditions	
Total Test Cycles	

Comments

DEXRON® GM 6L80 Cycling Test
Test Fluid Analytical Data
Form 3

Formulation Code	
Test Number	

	Test Fluid									EOT
CYCLES	0	8,000	16,000	24,000	32,000	40,000	48,000	56,000	64,000	
D2983 Brookfield										
-20°C										
-40°C										
D445 Viscosity										
100°C										
40°C										
D5185 ICP ^A										
Al [ppm]										
Cu [ppm]										
Fe [ppm]										
Pb [ppm]										
D664 TAN										
TAN Increase	0.00									
D893B Pentane Ins										
D893B Toluene Ins										
D893B Ins Resins										
E168 Diff IR	0.00									

^AReport 0 for values below the measurement threshold of the instrument. Do not use less than (“<”) symbol.

**DEXRON® GM 6L80 Cycling Test
Reference Fluid Analytical Data
Form 4**

Formulation Code	
Test Number	

	Reference Fluid									EOT
	CYCLES 0	8,000	16,000	24,000	32,000	40,000	48,000	56,000	64,000	
D2983 Brookfield										
-20°C										
-40°C										
D445 Viscosity										
100°C										
40°C										
D5185 ICP ^A										
Al [ppm]										
Cu [ppm]										
Fe [ppm]										
Pb [ppm]										
D664 TAN										
TAN Increase	0.00									
D893B Pentane Ins										
D893B Toluene Ins										
D893B Ins Resins										
E168 Diff IR	0.00									

^AReport 0 for values below the measurement threshold of the instrument. Do not use less than (“<”) symbol.

DEXRON® GM 6L80 Cycling Test
Test Fluid Shift Lock Up Time Results
Form 5

Formulation Code	
Test Number	

	Test Fluid					
Lock Ups	200	1,000	2,000	4,000	6,000	8,000
1-2 Shift						
2-3 Shift						
3-4 Shift						
4-5 Shift						
5-6 Shift						
Lock Ups	10,000	12,000	14,000	16,000	18,000	20,000
1-2 Shift						
2-3 Shift						
3-4 Shift						
4-5 Shift						
5-6 Shift						
Lock Ups	22,000	24,000	26,000	28,000	30,000	32,000
1-2 Shift						
2-3 Shift						
3-4 Shift						
4-5 Shift						
5-6 Shift						
Lock Ups	34,000	36,000	38,000	40,000	42,000	44,000
1-2 Shift						
2-3 Shift						
3-4 Shift						
4-5 Shift						
5-6 Shift						
Lock Ups	46,000	48,000	50,000	52,000	54,000	56,000
1-2 Shift						
2-3 Shift						
3-4 Shift						
4-5 Shift						
5-6 Shift						
Lock Ups	58,000	60,000	62,000	64,000	EOT	
1-2 Shift						
2-3 Shift						
3-4 Shift						
4-5 Shift						
5-6 Shift						

DEXRON® GM 6L80 Cycling Test
Reference Fluid Shift Lock Up Time Results
Form 6

Formulation Code	
Test Number	

	Reference Fluid					
Lock Ups	200	1,000	2,000	4,000	6,000	8,000
1-2 Shift						
2-3 Shift						
3-4 Shift						
4-5 Shift						
5-6 Shift						
Lock Ups	10,000	12,000	14,000	16,000	18,000	20,000
1-2 Shift						
2-3 Shift						
3-4 Shift						
4-5 Shift						
5-6 Shift						
Lock Ups	22,000	24,000	26,000	28,000	30,000	32,000
1-2 Shift						
2-3 Shift						
3-4 Shift						
4-5 Shift						
5-6 Shift						
Lock Ups	34,000	36,000	38,000	40,000	42,000	44,000
1-2 Shift						
2-3 Shift						
3-4 Shift						
4-5 Shift						
5-6 Shift						
Lock Ups	46,000	48,000	50,000	52,000	54,000	56,000
1-2 Shift						
2-3 Shift						
3-4 Shift						
4-5 Shift						
5-6 Shift						
Lock Ups	58,000	60,000	62,000	64,000	EOT	
1-2 Shift						
2-3 Shift						
3-4 Shift						
4-5 Shift						
5-6 Shift						

**DEXRON® GM 6L80 Cycling Test
Friction Materials Measurements
Form 7**

Formulation Code	
Test Number	

Test Fluid Parts Measurements				
New Parts Measurements, mm				
Clutch	1-2-3-4	2-6	3-5-R	4-5-6
0°				
90°				
180°				
270°				
Average				
EOT Parts Measurements, mm				
Clutch	1-2-3-4	2-6	3-5-R	4-5-6
0°				
90°				
180°				
270°				
Average				
Measurement Changes (New – EOT), mm				
Clutch	1-2-3-4	2-6	3-5-R	4-5-6
0°				
90°				
180°				
270°				
Average				

Reference Fluid Parts Measurements				
New Parts Measurements, mm				
Clutch	1-2-3-4	2-6	3-5-R	4-5-6
0°				
90°				
180°				
270°				
Average				
EOT Parts Measurements, Mm				
Clutch	1-2-3-4	2-6	3-5-R	4-5-6
0°				
90°				
180°				
270°				
Average				
Measurement Changes (New – EOT), mm				
Clutch	1-2-3-4	2-6	3-5-R	4-5-6
0°				
90°				
180°				
270°				
Average				

Reference Fluid Delta vs. Test Fluid Delta Parts Measurements				
Reference Fluid Delta Average – Test Fluid Delta Average, mm				
Clutch	1-2-3-4	2-6	3-5-R	4-5-6
Average				

**DEXRON® GM 6L80 Cycling Test
Inspection Report – Test Fluid
Form 8**

Formulation Code	
Test Number	

**DEXRON® GM 6L80 Cycling Test
Inspection Report – Reference Fluid
Form 9**

Formulation Code	
Test Number	

**DEXRON® GM 6L80 Cycling Test
Test Report Placeholder Form
Form 10**

Formulation Code	
Test Number	

**Append the complete test report PDF
to these forms, in place of this page.**