

**DEXRON® Aeration Test
Report Form
Form 1
Version**

Formulation Code							
Formulation Code							
SID	SponsorCode	Modification	Blend	Method	Count	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® Aeration Test
Pass/Fail Results
Form 2**

Formulation Code	
Test Number	

PASS/FAIL RESULTS			
PARAMETERS	TEST FLUID	REFERENCE	PASS/FAIL LIMITS^A
Avg. Aeration % @ 60°C			Less than 2% above
Avg. Aeration % @ 90°C			Less than 2% above
Avg. Aeration % @ 120°C			Less than 2% above
Avg. Deaeration Time @ 60°C			Less than 5 s above
Avg. Deaeration Time @ 90°C			Less than 5 s above
Avg. Deaeration Time @ 120°C			Less than 2 s above

^APass/Fail limits use the Reference Fluid results as limits, plus the amount specified.

Test Operating Conditions	
Aeration Phase Time @ 120°C	
Deaeration Phase Time @ 120°C	
Aeration Phase Time @ 90°C	
Deaeration Phase Time @ 90°C	
Aeration Phase Time @ 60°C	
Deaeration Phase Time @ 60°C	

Fluid Condition^A	
^A Fluid Condition Values	Description
NEW	New Fluid Only
ACYC	New Fluid & After Cycling Test

Reference Test Identification			
Sample ID			
Blend Date			
Test Number ^B			
Instrument		Run Number	
Start Date		Start Time	
EOT Date		EOT Time	

^B Test Number = Instrument – Run Number

Comments

DEXRON® Aeration Test
Test Results
Form 3

Formulation Code	
Test Number	

60°C and 1380 kPa	Run Number	Density Change ($\Delta\rho$) [g/cm ³]		Time to Aeration (t_a) [s]		Percent Aeration (%A) [%]		Time to Deaeration (t_d) [s]	
		Test Fluid	Reference	Test Fluid	Reference	Test Fluid	Reference	Test Fluid	Reference
	New 1								
	New 2								
	New 3								
	Mean								
	Std Dev								
	Used								
90°C and 1380 kPa	Run Number	Density Change ($\Delta\rho$) [g/cm ³]		Time to Aeration (t_a) [s]		Percent Aeration (%A) [%]		Time to Deaeration (t_d) [s]	
		Test Fluid	Reference	Test Fluid	Reference	Test Fluid	Reference	Test Fluid	Reference
	New 1								
	New 2								
	New 3								
	Mean								
	Std Dev								
	Used								
120°C and 1380 kPa	Run Number	Density Change ($\Delta\rho$) [g/cm ³]		Time to Aeration (t_a) [s]		Percent Aeration (%A) [%]		Time to Deaeration (t_d) [s]	
		Test Fluid	Reference	Test Fluid	Reference	Test Fluid	Reference	Test Fluid	Reference
	New 1								
	New 2								
	New 3								
	Mean								
	Std Dev								
	Used								

Aeration Point: 2nd Consecutive 25-point slope of Density Change = 0 ± 0.005
Deaeration Point: 2nd Consecutive 25-point slope of Density Change = 0 ± 0.005

DEXRON® Aeration Test
Measured Density vs. Temperature Plot
Form 4

Formulation Code	
Test Number	

DEXRON® Aeration Test
Calculated Density vs. Temperature Plot
Form 5

Formulation Code	
Test Number	

DEXRON® Aeration Test
Aeration Density Change Plot. 60°C
Form 6

Formulation Code	
Test Number	

DEXRON® Aeration Test
Aeration Density Change Plot. 90°C
Form 7

Formulation Code	
Test Number	

DEXRON® Aeration Test
Aeration Density Change Plot. 120°C
Form 8

Formulation Code	
Test Number	