

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

Formulation Code							
Formulation Code							
SID	SponsorCode	Modification	Blend	Method	Count	Lab	Instrument

Blended Sample Testing Information <sup>A</sup>			
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.

Test Identification			
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 – 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	

<b>PASS/FAIL RESULTS</b>			
<b>PARAMETERS</b>	<b>TEST FLUID</b>	<b>REFERENCE</b>	<b>PASS/FAIL LIMITS<sup>A</sup></b>
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

<sup>A</sup>Pass/Fail limits use the Reference Fluid results as limits, plus the amount specified.

<b>Test Operating Conditions</b>	
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	

<b>Fluid Condition<sup>A</sup></b>	
<sup>A</sup> Fluid Condition Values	Description
NEW	New Fluid Only
ACYC	New Fluid & After Cycling Test

<b>Reference Test Identification</b>			
Sample ID			
Blend Date			
Test Number <sup>B</sup>			
Instrument		Run Number	
Start Date		Start Time	
EOT Date		EOT Time	

<sup>B</sup> Test Number = Instrument – Run Number

<b>Comments</b>

**DEXRON® Aeration Test**  
**Test Results**  
**Form 3**

Formulation Code	
Test Number	

60°C and 1380 kPa	Run Number	Density Change ( $\Delta\rho$ ) [g/cm <sup>3</sup> ]		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 <sup>3</sup> ]		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 <sup>3</sup> ]		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: 2<sup>nd</sup> Consecutive 25-point slope of Density Change =  $0 \pm 0.005$   
Deaeration Point: 2<sup>nd</sup> Consecutive 25-point slope of Density Change =  $0 \pm 0.005$

**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	