

DEXRON® Basic Physical Properties and Bench Test Results
Report Form
Form 1
Version

Formulation Code							
Formulation Code							
SID	SponsorCode	Modification	Blend	Method	Count	Lab ^A	Instrument ^B

^ALab compiling this data.

^BAll bench data transmissions should report "MULTI" as the instrument value in the Formulation Code.

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

^CIf 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 Validity Statement	
These tests have all been conducted in a valid manner – YES or NO	
Test Laboratory	
Signature	
Typed Name	
Title	

Comments

**DEXRON® Basic Physical Properties and Bench Test Results
Form 2 – Test Results**

Formulation Code	
Test Number	

Test Fluid Properties						
Test Method	Measured Item	Unit	Result ^A	Lab	Instrument	EOT Date
ASTM D1500	Color					
ASTM D5185	Aluminum (Al)	ppm				
ASTM D5185	Barium (Ba)	ppm				
ASTM D5185	Boron (B)	ppm				
ASTM D5185	Calcium (Ca)	ppm				
ASTM D5185	Chromium (Cr)	ppm				
ASTM D5185	Copper (Cu)	ppm				
ASTM D5185	Iron (Fe)	ppm				
ASTM D5185	Lead (Pb)	ppm				
ASTM D5185	Magnesium (Mg)	ppm				
ASTM D5185	Manganese (Mn)	ppm				
ASTM D5185	Molybdenum (Mo)	ppm				
ASTM D5185	Nickel (Ni)	ppm				
ASTM D5185	Phosphorus (P)	ppm				
ASTM D5185	Potassium (K)	ppm				
ASTM D5185	Silicon (Si)	ppm				
ASTM D5185	Silver (Ag)	ppm				
ASTM D5185	Sodium (Na)	ppm				
ASTM D5185	Sulfur (S)	ppm				
ASTM D5185	Tin (Sn)	ppm				
ASTM D5185	Titanium (Ti)	ppm				
ASTM D5185	Vanadium (V)	ppm				
ASTM D5185	Zinc (Zn)	ppm				
ASTM D6443	Chlorine (Cl)	ppm				
ASTM D4629	Nitrogen (N)	ppm				
ASTM D4927	Sulfur (S)	ppm				
ASTM D6922 ^B	Miscibility – Color Change					
ASTM D6922 ^B	Homogeneity – Separation					
ASTM D7603 ^B	Incompatibility	mass %				
ASTM D7603 ^B	Incompatibility	vol %				
ASTM D7603 ^B	Insoluble Residue	g				
ASTM D7603 ^B	Insoluble Residue	mL				
ASTM D6304	Water Content	mass %				
ASTM D4052	Density @ 15°C	g/mL				
ASTM D445	Kinematic Viscosity @ 40°C	cSt				
ASTM D445	Kinematic Viscosity @ 100°C	cSt				
ASTM D445	Kinematic Viscosity @ 150°C	cSt				
ASTM D445	Base Oil Blend KV @ 100°C	cSt				
ASTM D2270	Viscosity Index					
ASTM D92	Flash Point	°C				
ASTM D92	Fire Point	°C				
ASTM D5949	Pour Point	°C				
ASTM D2983	Brookfield Viscosity @ -10°C	cP				
ASTM D2983	Brookfield Viscosity @ -20°C	cP				
ASTM D2983	Brookfield Viscosity @ -30°C	cP				
ASTM D2983	Brookfield Viscosity @ -40°C	cP				
ASTM D5133	Scanning Brookfield Viscosity	cP				
ASTM D5133	Gelation Index					
ASTM D5133	Gelation Index Temperature	°C				
ASTM D5293	Cold Crank Simulation @ -30°C	cP				
ASTM D5293	Cold Crank Simulation @ -35°C	cP				
ASTM D5800	NOACK Evaporation 1h @ 200°C	%				
ASTM D5800	D5800 Procedure Used (A, B, C, D)					
ASTM D130	Copper Strip Corrosion, 3h @ 150°C					
ASTM D665	Corrosion, Procedure A	Pass-Fail				
ASTM D1748 ^B	Rust Protection @ 40°C, 50h	Pass-Fail				
ASTM D4683	High Temp., High Shear Viscosity	cP				

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

^BModified (ATF reference)