

## AMERICAS CORE



## Certificate of Analysis Tests with Specs

Property	Limit	Standard Method (a)	CORE 150	CORE 600	CORE 2500
			Appearance		Visual
ASTM Colour	Max	ASTM D 1500	1.5	4.0	6.0
CCS Viscosity -25°C mPa•seg	Max	ASTM D 5293			
CCS Viscosity -20°C mPa•seg	Max	ASTM D 5293	2100		
Flash Point, COC Deg C	Min	ASTM D 92	210	246	294
Kinematic Viscosity@ 40°C mm2/sec	Min-	ASTM D 445	29.0 - 32.0	109.0-116.0	
Kinematic Viscosity@ 100°C mm2/sec	Min-	ASTM D 445	4.95 – 5.40	11.70 - 13	30.6-32.7
NOACK Volatility wt%	Max	ASTM D 5800	20		
Pour Point Deg C	Max	ASTM D 97	-15	-6	-6
Viscosity Index	Min	ASTM D 2270	95	95	95
Density 15C (gm/cm3)		ASTM D1298	0.87	0.89	0.9

Bulk Transfer Test (see Note)	CORE 150			CORE 600			CORE 2500				
	Units	Method	Limits			Limits			Limits		
Test	Units	Method	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max
Appearance	None	Visual	Clear and Bright			Clear and Bright			Clear and Bright		
Kinematic Viscosity@ 40°C mm2/sec	cst	ASTM D 445	29.0	-	32.0	109	-	116			
Kinematic Viscosity@ 40°C mm2/sec (Ref Tolerance)	%	Calc	-2	-	+2	-2	-	+2			
Kinematic Viscosity@ 100°C mm2/sec	cst	ASTM D 445							30.6	-	32.7
Kinematic Viscosity@ 100°C mm2/sec (Ref Tolerance)	%	Calc							-2	-	+2

Bulk Transfer Tests Footnotes: Bulk Transfer Tests are process check tests to determine product acceptability throughout supply chain. Reference Tolerance test limits are for the difference between measured value and reference value of the CoA



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