

Revised: 6-15-10
Supersedes: 9-10-08

Corsol 1200 Product Specification

TEST NAME	TEST METHOD	SPECIFICATIONS		
		Minimum	Maximum	Typical
Viscosity, cSt @ 40° C	D-445	222.8	240	234.9
Viscosity, cSt @ 100° C	D-445			13.47
Viscosity, SUS @ 100° F	D-2161	1200	1300	1281
Viscosity, SUS @ 210° F	D-2161			73.8
Gravity, API, 60° F	D-4052	18.4	22.8	21.1
Specific Gravity, 60/60° F	D-1250			.9273
Pounds per Gallon @ 60° F	D-1250			7.722
Flash, COC, C° (F°)	D-92	215 (420)		221 (430)
Pour Point, C° (°F)	D-97		+2 (+35)	-4 (+25)
Color	D-1500		3.5	L 2.0
Aniline Point, C° (°F)	D-611			90 (194)
Viscosity-Gravity Constant	D-2501			.861
Molecular Weight	D-2502			460
Refractive Index @ 20° C	D-1747			1.510
Refractivity Intercept	D-2159			1.046
Aromatic Carbon Atoms, %Ca	D-2140			19
Naphthenic Carbon Atoms, %Cn	D-2140			33
Paraffinic Carbon Atoms, %Cp	D-2140			48
Asphaltenes, Mass %	D-2007			0
Polar Compounds, Mass %	D-2007			2.0
Aromatics, Mass %	D-2007			39.4
Saturates, Mass %	D-2007			58.6
Sulfur, Mass %	D-4294			0.08
UV Absorptivity, 260 NM	D-2008			7.0
Volatility, 22 hr/225° F, % Mass	D-972			0.4
DMSO Extract, wt. %	IP-346		3.0	< 3.0