CROSS OIL
REFINING & MARKETING

Corsol 500

Process Oils

Corsol Series are severely hydro treated naphthenic process oils manufactured from select crude streams. Corsol Series oil offer low pour point good solvency and color stability. They are ideal for production blending, adhesives, plastics and extended rubber.

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS		TYPICAL
Physical Properties		**Min**	**Max**	
Viscosity, cSt @ 40° C	D-445	96.3	101.2	98.58
Viscosity, cSt @ 100° C	D-445	-	-	8.9
Viscosity, SUS @ 100° F	D-2161	-	-	523.1
Gravity, API, 60° F	D-4052	-	-	21.2
Specific Gravity, 60/60° F	D-1250	-	-	0.9267
Pounds per Gallon @ 60° F	D-1250	-	-	7.7195
Flash, COC, C (F)	D-92	195 (380)	-	204
Pour Point, C (°F)	D-97	-	-	-21
Color	D-1500	-	L 2.5	L 1.5
Aniline Point, C (°F)	D-611	-	95.0	84 (183)
Molecular Weight	D-2502	-	-	405
Refractive Index @ 20° C	D-1747	-	-	1.510
Refractivity Intercept	D-2159	-	-	1.047
Ring Carbon Distribution		-	-	
Aromatic Carbon Atoms, %Ca	D-2140	-	-	19
Naphthenic Carbon Atoms, %Cn	D-2140	-	-	35
Paraffinic Carbon Atoms, %Cp	D-2140	-	-	46
Fractions by Clay-Gel Absorption		-	-	
Asphaltenes, Mass %	D-2007	-	-	0
Polar Compounds, Mass %	D-2007	-	-	0.90
Aromatics, Mass %	D-2007	-	-	40.5
Saturates, Mass %	D-2007	-	-	58.6
Sulfur, Mass %	D-4294	-	-	0.08
UV Absorptivity, 260 NM	D-2008	-	-	5.5
Volatility, 22 hr/225° F, % Mass	D-972	-	-	1.8
DMSO Extract, wt.%	IP-346	-	3.0	< 3.0

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