



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
		Min	Max	
Physical Properties				
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

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice.

Health And Safety Information See separate Safety Data Sheets available on request.

Cross™ and Corsol™ are trademarks of Cross Oil Refining & Marketing, Inc.. All other marks are property of their respective owners.

Cross Oil Refining & Marketing, Inc.

Smackover, AR 71762 | USA | Phone 800 864-6275 | www.crossoil.com

Product Data Sheet Revision 2409