

Product Information



Cross L-500

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

TEST NAME	TEST METHOD	SPECIFICATIONS		
		Minimum	Maximum	Typical
Viscosity, cSt @ 40° C	D-445	94.4	103.3	97.8
Viscosity, cSt @ 100° C	D-445	-	-	8.29
Viscosity, SUS @ 100° F	D-2161	500	550	522
Viscosity, SUS @ 210° F	D-2161	-	-	54.3
Gravity, API, 60° F	D-4052	19.3	23.5	21.4
Specific Gravity, 60/60° F	D-1250	-	-	0.9254
Pounds per Gallon @ 60° F	D-1250	-	-	7.707
Flash, COC, °C (°F)	D-92	195 (380)	-	200 (390)
Pour Point, °C (°F)	D-97	-	-15 (+5)	-25 / (-13)
Color	D-1500	-	2.0	L 1.5
Aniline Point, °C (°F)	D-611	-	-	84 (183)
Molecular Weight	D-2502	-	-	490
Viscosity-Gravity Constant	D-2501			0.870
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			0.0
Polar Compounds, Mass %	D-2007	-	-	0.90
Aromatics, Mass %	D-2007			40.5
Saturates, Mass %	D-2007			58.6
Sulfur, Mass %	D-4294	-	0.10	0.08
UV Absorptivity, 260 NM	D-2008	-	-	5.3
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 OIL REFINING & MARKETING, INC.

SMACKOVER, AR 71762 ■ USA ■ PHONE 800 864-6275 ■ www.crossoil.com

Product Information

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