

## Product Information



# Cross L 1200

**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-0445	227.3	236.8	232.2
Viscosity, cSt @ 100° C	D-0445	-	-	14.5
Viscosity, SUS @ 100° F	D-2161	-	-	1253
Viscosity, SUS @ 210° F	D-2161	-	-	78.0
Gravity, API, 60° F	D-4052	18.4	22.8	20.9
Specific Gravity, 60/60° F	D-1250	-	-	0.9285
Pounds per Gallon @ 60° F	D-1250	-	-	7.732
Flash, COC, °C (°F)	D-0092	215 (419)		234 (453)
Pour Point, °C (°F)	D-0097	-	+2 (+36)	-13 (+9)
Color	D-1500	-	3.5	L 3.0
Aniline Point, °C (°F)	D-0611	90 (194)	98 (208)	91 (196)
Molecular Weight	D-2502	-	-	460
Viscosity-Gravity Constant	D-2502			0.8510
Refractive Index @ 20° C	D-1747	-	-	1.510
Refractivity Intercept	D-2159			1.046
<b>Ring Carbon Distribution</b>				
Aromatic Carbon Atoms, %Ca	D-2140	-	-	16
Naphthenic Carbon Atoms, %Cn	D-2140			33
Paraffinic Carbon Atoms, %Cp	D-2140			51
<b>Fractions by Clay-Gel Absorption</b>				
Asphaltenes, % mass	D-2007	-	-	0.00
Polar Compounds, % mass	D-2007			2.12
Aromatics, % mass	D-2007			38.8
Saturates, % mass	D-2007			59.1
Sulfur, Mass %	D-4294	-	-	0.18
UV Absorptivity, 260 nm	D-2008	-	-	6.7
Volatility, 22 hr/225° F, % mass	D-0972	-	-	0.4
DMSO Extract, wt.%	IP-346	-	3.0	< 3.0

**REACH Registration**

CAS No. 64742-53-6  
CAS No. 64742-52-5

**Pre-registration  
Registration**

02-2118612511-56-0000  
01-2119467170-45-0030

**CROSS OIL REFINING & MARKETING, INC.**

SMACKOVER, AR 71762 ■ USA ■ PHONE 800 864-6275 ■ [www.crossoil.com](http://www.crossoil.com)

## Product Information

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 GHS Safety Data Sheets available on request.

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