

## Product Information



# Cross L-2000

### DESCRIPTION

**Cross L Series** are severely hydrotreated 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	350.6	387.5	369.33
Viscosity, cSt @ 100° C	D-445	-	-	18.06
Viscosity, SUS @ 100° F	D-2161	1900	2100	2031
Viscosity, SUS @ 210° F	D-2161	-	-	93.1
Gravity, API, 60° F	D-4052	19.5	22.5	21.0
Specific Gravity, 60/60° F	D-1250	-	-	0.9279
Pounds per Gallon @ 60° F	D-1250	-	-	7.727
Flash, COC, C° (F°)	D-92	223 (433)	-	231 (448)
Pour Point, C° (°F)	D-97	-	-1 (+30)	-7 (+19)
Color	D-1500	-	3.5	L 3.0
Aniline Point, C° (°F)	D-611	-	110 (203)	98 (208)
Molecular Weight	D-2502	-	-	500
Viscosity-Gravity Constant	D-2501	-	-	0.854
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	-	-	17
Naphthenic Carbon Atoms, %Cn	D-2140	-	-	35
Paraffinic Carbon Atoms, %CP	D-2140	-	-	48
<b>Fractions by Clay-Gel Absorption </b>				
Asphaltenes, Mass %	D-2007	-	-	0.0
Polar Compounds, Mass %	D-2007	-	-	2.9
Aromatics, Mass %	D-2007	-	-	40.2
Saturates, Mass %	D-2007	-	-	56.9
Sulfur, Mass %	D-4294	-	-	0.10
UV Absorptivity, 260 NM	D-2008	-	-	6.8
Volatility, 22 hr/225° F, % Mass	D-972	-	-	0.3
DMSO Extraction, wt.%	IP-346	-	3.0	< 3.0

### REACH Registration

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

**Pre-registration** 02-2118612511-56-0000  
**Registration** 01-2119467170-45-0030

### CROSS OIL REFINING & MARKETING, INC.

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

Cross L-2000 Process Oil Product Data Sheet revision 11/2014

## 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 Safety Data Sheets available on request.

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