

## Product Information



# Cross L-100

### 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	18.76	20.81	19.64
Viscosity, cSt @ 100° C	D-445	-	-	3.54
Viscosity, SUS @ 100° F	D-2161	100	110	104.6
Viscosity, SUS @ 210° F	D-2161	-	-	38.3
Gravity, API, 60° F	D-4052			24.4
Specific Gravity, 60/60° F	D-1250	21.6	26.4	0.9076
Pounds per Gallon @ 60° F	D-1250			7.558
Flash, COC, °C (°F)	D-92	154 (310)	-	163 (325)
Pour Point, °C (°F)	D-97	-	-37 (-35)	-46 (-51)
Color	D-1500	-	1.5	L 1.0
Aniline Point, °C (°F)	D-611	-	-	74 (165)
Molecular Weight	D-2502	-	-	340
Viscosity-Gravity Constant	D-2501			0.870
Refractive Index @ 20° C	D-1747	-	-	1.494
Refractivity Intercept	D-2159			1.040
<b>Ring Carbon Distribution</b>				
Aromatic Carbon Atoms, %Ca	D-2140	-	-	17
Naphthenic Carbon Atoms, %Cn	D-2140			41
Paraffinic Carbon Atoms, %Cp	D-2140			42
<b>Fractions by Clay-Gel Absorption</b>				
Asphaltenes, Mass %	D-2007			0
Polar Compounds, Mass %	D-2007	-	-	0.35
Aromatics, Mass %	D-2007			30.2
Saturates, Mass %	D-2007			69.45
Sulfur, Mass %	D-4294	-	0.10	0.04
UV Absorptivity, 260 NM	D-2008	-	-	2.5
Volatility, 22 hr/225° F, % Mass	D-972	-	-	8.0
DMSO Extract, wt.%	IP-346	-	3.0	< 3.0

### CROSS OIL REFINING & MARKETING, INC.

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## Product Information

<b>REACH Registration</b>	CAS No. 64742-53-6	<b>Pre-registration</b>	02-2118612511-56-0000
	CAS No. 64742-52-5	<b>Registration</b>	01-2119467170-45-0030
<b>NSF HX-2</b>	143489		

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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