

## Product Information



# Cross L-3500

**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	26	36	604.90
Viscosity, cSt @ 100° C	D-445	-	-	30.59
Viscosity, SUS @ 100° F	D-2161	135	170	4081
Viscosity, SUS @ 210° F	D-2161	-	-	150.7
Gravity, API, 60° F	D-4052	19.2	22.2	20.1
Specific Gravity, 60/60° F	D-1250	-	-	0.9334
Pounds per Gallon @ 60° F	D-1250	-	-	7.773
Flash, COC, C° (F°)	D-92	250 (480)	-	258 (495)
Pour Point, C° (°F)	D-97	-	+4 (+40)	-1 (+30)
Color	D-1500	-	5.5	4.0
Aniline Point, C° (°F)	D-611	-	-	101(214)
Molecular Weight	D-2502	-	-	560
Viscosity-Gravity Constant	D-2501	-	-	0.8479
Refractive Index @ 20° C	D-1747	-	-	1.517
Refractivity Intercept	D-2159	-	-	1.054
<b>Ring Carbon Distribution</b>				
Aromatic Carbon Atoms, %Ca	D-2140	-	-	20
Naphthenic Carbon Atoms, %Cn	D-2140	-	-	24
Paraffinic Carbon Atoms, %Cp	D-2140	-	-	56
<b>Fractions by Clay-Gel Absorption</b>				
Asphaltenes, Mass %	D-2007	-	-	0.0
Polar Compounds, Mass %	D-2007	-	-	7.2
Aromatics, Mass %	D-2007	-	-	38.7
Saturates, Mass %	D-2007	-	-	54.1
Sulfur, Mass %	D-4294	-	-	0.22
UV Absorptivity, 260 nm	D-2008	-	-	8.94
Volatility, 22 hr/225° F, % Mass	D-972	-	-	0.1
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.

### CROSS OIL REFINING & MARKETING, INC.

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## Product Information

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

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