



# CROSS L-750

## BASE OILS

Cross L Series are severely hydro treated naphthenic base oils manufactured from select crude streams. They offer low pour point, good solvency and color stability. They are ideal for production blending and exhibit excellent solubility with additive systems.

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS		TYPICAL
		Min	Max	
<b>Physical Properties</b>				
Viscosity, cSt @ 40° C	D-445	139.9	149.0	144.2
Viscosity, cSt @ 100° C	D-445	-	-	10.7
Viscosity, SUS @ 100° F	D-2161	-	-	773
Viscosity, SUS @ 210° F	D-2161	-	-	62.9
Gravity, API, 60° F	D-4052	-	-	20.9
Specific Gravity, 60/60° F	D-1250	-	-	0.9285
Pounds per Gallon @ 60° F	D-1250	-	-	7.7346
Flash, COC, C (F)	D-92	196 (385)	-	215(419)
Pour Point, C (°F)	D-97	-	-	-18 (0)
Color	D-1500	-	3.0	L 1.5
Aniline Point, C (°F)	D-611	-	-	86 (187)
Molecular Weight	D-2502	-	-	405
Refractive Index @ 20° C	D-1747	-	-	1.514
Refractivity Intercept	D-2159	-	-	1.052
<b>Ring Carbon Distribution</b>				
Aromatic Carbon Atoms, %Ca	D-2140	-	-	19
Naphthenic Carbon Atoms, %Cn	D-2140	-	-	34
Paraffinic Carbon Atoms, %Cp	D-2140	-	-	47
<b>Fractions by Clay-Gel Absorption</b>				
Asphaltenes, Mass %	D-2007	-	-	0
Polar Compounds, Mass %	D-2007	-	-	0.95
Aromatics, Mass %	D-2007	-	-	42.0
Saturates, Mass %	D-4294	-	-	57.05
Sulfur, Mass %	D-2008	-	-	0.08
UV Absorptivity, 260 NM	D-2008	-	-	6.0
Volatility, 22 hr/225° F, % Mass	D-972	-	-	1.0
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.

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**Cross Oil Refining & Marketing, Inc.**

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