



# CROSS L-50

## 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	7.51	8.26	7.74
Viscosity, cSt @ 100° C	D-445			2.11
Viscosity, SUS @ 100° F	D-2161	50	55	53.0
Viscosity, SUS @ 210° F	D-2161			33.3
Gravity, API, 60° F	D-4052	23.0	28.5	26.3
Specific Gravity, 60/60° F	D-1250			0.8944
Pounds per Gallon @ 60° F	D-1250			7.467
Flash, COC, C (F)	D-92	124 (255)		135 (275)
Pour Point, C (°F)	D-97		-51 (-60)	-57 (-70)
Color	D-1500		L 1.5	L 0.5
Aniline Point, C (°F)	D-611			66 (150)
Viscosity-Gravity Constant	D-2501			0.873
Aromatic Carbon Atoms, %Ca	D-2140			15
Naphthenic Carbon Atoms, %Cn	D-2140			43
Paraffinic Carbon Atoms, %Cp	D-2140			42
Sulfur, Mass %	D-4294		0.10	0.05
UV Absorptivity, 260 NM	D-2008			1.0
Volatility, 22 hr/225° F, % Mass	D-972			32.0
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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Product Data Sheet Revision 01/2020