



# CROSS L-200

## 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	39.32	43.1	41.19
Viscosity, cSt @ 100° C	D-445	-	-	5.42
Viscosity, SUS @ 100° F	D-2161	-	-	214.8
Viscosity, SUS @ 210° F	D-2161	-	-	44.5
Gravity, API, 60° F	D-4052	20.4	25.4	23.3
Specific Gravity, 60/60° F	D-1250	-	-	0.9141
Pounds per Gallon @ 60° F	D-1250	-	-	7.612
Flash, COC, C (F)	D-92	177 (350)	-	184 (363)
Pour Point, C (°F)	D-97	-	-29 (-20)	-34 (-30)
Color	D-1500	-	2.0	L1.5
Aniline Point, C (°F)	D-611	-	-	79 (174)
Molecular Weight	D-2502	-	-	345
Refractive Index @ 20° C	D-1747	-	-	1.508
Refractivity Intercept	D-2159	-	-	1.051
Sulfur, Mass %	D-4294	-	0.10	0.05
UV Absorptivity, 260 NM	D-2008	-	-	3.6
Volatility, 22 hr/225° F, % Mass	D-972	-	-	5.0
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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