



CROSS L-1200

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	
Physical Properties				
Viscosity, cSt @ 40° C	D-0445	227.3	236.8	231.0
Viscosity, cSt @ 100° C	D-0445	-	-	14.3
Viscosity, SUS @ 100° F	D-2161	-	-	1252
Viscosity, SUS @ 210° F	D-2161	-	-	77.1
Gravity, API, 60° F	D-4052	18.4	22.8	20.3
Specific Gravity, 60/60° F	D-1250	-	-	0.9321
Pounds per Gallon @ 60° F	D-1250	-	-	7.7646
Flash, COC, °C (°F)	D-0092	215 (419)	-	231 (448)
Pour Point, °C (°F)	D-0097	-	+2 (+36)	-13 (+9)
Color	D-1500	-	3.5	L 3.0
Aniline Point, °C (°F)	D-0611	-	-	92 (198)
Molecular Weight	D-2502	-	-	500
Refractive Index @ 20° C	D-1747	-	-	1.510
Refractivity Intercept	D-2159	-	-	1.046
Sulfur, Mass %	D-4294	-	-	0.18
UV Absorptivity, 260 nm	D-2008	-	-	6.7
Volatility, 22 hr/225° F, % mass	D-0972	-	-	0.4
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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