



CROSS L-3500

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-445	-	-	675.6
Viscosity, cSt @ 100° C	D-445	26	36	29.9
Viscosity, SUS @ 100° F	D-2161	-	-	3595
Viscosity, SUS @ 210° F	D-2161	135	170	142.7
Gravity, API, 60° F	D-4052	19.2	22.2	20.5
Specific Gravity, 60/60° F	D-1250	-	-	0.9309
Pounds per Gallon @ 60° F	D-1250	-	-	7.755
Flash, COC, C° (F°)	D-92	250 (480)	-	265 (509)
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
Refractive Index @ 20° C	D-1747	-	-	1.517
Refractivity Intercept	D-2159	-	-	1.054
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.

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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