



CROSS L-3000

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	588.0	617.0	590.3
Viscosity, cSt @ 100° C	D-445	25.7	26.4	25.7
Viscosity, SUS @ 100° F	D-2161	-	-	2734.6
Viscosity, SUS @ 210° F	D-2161	-	-	123.4
Gravity, API, 60° F	D-4052	-	-	20.7
Specific Gravity, 60/60° F	D-1250	-	-	0.9297
Pounds per Gallon @ 60° F	D-1250	-	-	7.742
Flash, COC, C° (F°)	D-92	240 (464)	-	255 (491)
Pour Point, C° (°F)	D-97	-	+4 (+39)	-1 (+30)
Color	D-1500	-	-	L 4.0
Aniline Point, C° (°F)	D-611	-	-	101 (214)
Molecular Weight	D-2502	-	-	550
Refractive Index @ 20° C	D-1747	-	-	1.515
Refractivity Intercept	D-2159	-	-	1.051
Sulfur, Mass %	D-4294	-	-	0.2
UV Absorptivity, 260 NM	D-2008	-	-	8.2
Volatility, 22 hr/225° F, % Mass	D-972	-	-	0.1
DMSO Extraction, 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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