

CROSS L-100C

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	18.76	20.81	19.53
Viscosity, cSt @ 100° C	D-445	-	-	3.49
Viscosity, SUS @ 100° F	D-2161	100	110	104.1
Viscosity, SUS @ 210° F	D-2161	-	-	38.1
Gravity, API, 60° F	D-4052	21.6	26.4	24.4
Specific Gravity, 60/60° F	D-1250	-	-	0.9076
Pounds per Gallon @ 60° F	D-1250	-	-	7.558
Flash, COC, C (F)	D-92	154 (310)	-	163 (325)
Pour Point, C (°F)	D-97	-	-37 (-35)	-43 (-45)
Color	D-1500	-	1.5	L 1.0
Aniline Point, C (°F)	D-611	-	-	74 (165)
Viscosity-Gravity Constant	D-2501	-	-	0.874
Molecular Weight	D-2502	-	-	340
Refractive Index @ 20° C	D-1747	-	-	1.498
Refractivity Intercept	D-2159	-	-	1.043
Aromatic Carbon Atoms, %Ca	D-2140	-	-	17
Naphthenic Carbon Atoms, %Cn	D-2140	-	-	41
Paraffinic Carbon Atoms, %Cp	D-2140	-	-	42
Asphaltenes, Mass %	D-2007	-	-	0.0
Polar Compounds, Mass %	D-2007	-	-	0.35
Aromatics, Mass %	D-2007	-	-	30.2
Saturates, Mass %	D-2007	-	-	69.45
Sulfur, Mass %	D-4294	-	0.10	0.02
UV Absorptivity, 260 NM	D-2008	-	-	2.5
Volatility, 22 hr/225° F, % Mass	D-972	-	-	8.0
FDA Regulation	21 CFR 178.3620 (c)	-	-	Pass
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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