



CROSS L-7000

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	-	-	1212
Viscosity, cSt @ 100° C	D-445	45	53	44
Viscosity, SUS @ 100° F	D-2161	-	-	6740
Viscosity, SUS @ 210° F	D-2161	-	-	214.9
Gravity, API, 60° F	D-4052	18.3	-	19.3
Specific Gravity, 60/60° F	D-1250	-	-	0.9383
Pounds per Gallon @ 60° F	D-1250	-	-	7.8064
Flash, COC, C° (F°)	D-92	260 (500)	-	262 (504)
Pour Point, C° (°F)	D-97	-	+15 (+59)	+7(+45)
Color	D-1500	-	7.0	L3.5 Warm L5.5 Cold
Aniline Point, C° (°F)	D-611	-	-	105 (221)
Refractive Index @ 20° C	D-1747	-	-	1.520
Aromatic Carbon Atoms, %Ca	D-2140	-	-	18
Naphthenic Carbon Atoms, %Cn	D-2140	-	-	19
Paraffinic Carbon Atoms, %CP	D-2140	-	-	63
Asphaltenes, Mass %	D-2007	-	-	0.0
Polar Compounds, Mass %	D-2007	-	-	11.48
Aromatics, Mass %	D-2007	-	-	49.06
Saturates, Mass %	D-2007	-	-	39.46
Sulfur, Mass %	D-4294	-	.650	.496
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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