



CROSS L-240

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	44	48	45.72
Viscosity, cSt @ 100° C	D-445	-	-	5.55
Viscosity, SUS @ 100° F	D-2161	228	249	239
Viscosity, SUS @ 210° F	D-2161	-	-	45.5
Gravity, API, 60° F	D-4052	20.2	24.6	22.4
Specific Gravity, 60/60° F	D-1250	-	-	0.9194
Pounds per Gallon @ 60° F	D-1250	-	-	7.656
Flash, COC, C (F)	D-92	174 (345)	-	180 (355)
Pour Point, C (°F)	D-97	-	-29 (-20)	-34 (-30)
Color	D-1500	-	2.0	L1.5
Aniline Point, C (°F)	D-611	-	-	80 (176)
Viscosity-Gravity Constant	D-2501	-	-	0.8728
Molecular Weight	D-2502	-	-	350
Refractive Index @ 20° C	D-1747	-	-	1.508
Refractivity Intercept	D-2159	-	-	1.050
Aromatic Carbon Atoms, %Ca	D-2140	-	-	20
Naphthenic Carbon Atoms, %Cn	D-2140	-	-	32
Paraffinic Carbon Atoms, %Cp	D-2140	-	-	48
Asphaltenes, Mass %	D-2007	-	-	0.0
Polar Compounds, Mass %	D-2007	-	-	0.75
Aromatics, Mass %	D-2007	-	-	36.00
Saturates, Mass %	D-2007	-	-	63.25
Sulfur, Mass %	D-4294	-	0.10	0.023
UV Absorptivity, 260 NM	D-2008	-	-	3.7
Volatility, 22 hr/225° F, % Mass	D-972	-	-	4.2
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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