

# CROSS B-2400

## BASE OILS

Cross B Series are severely hydro treated naphthenic process oils manufactured from select crude streams. B Series oil offer low pour point good solvency and color stability. They are ideal for production blending, adhesives, plastics and extended rubber.

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS		TYPICAL
		Min	Max	
<b>Physical Properties</b>				
Viscosity, cSt @ 40° C	D-445	439.0	494.0	472.0
Viscosity, cSt @ 100° C	D-445			23.69
Viscosity, SUS @ 100° F	D-2161	2400	2700	2579
Viscosity, SUS @ 210° F	D-2161			117.5
Gravity, API, 60° F	D-4052	18.0	23.0	20.9
Specific Gravity, 60/60° F	D-1250			0.9285
Pounds per Gallon @ 60° F	D-1250			7.732
Flash, COC, C° (F°)	D-92	215 (420)		227 (440)
Pour Point, C° (°F)	D-97		-7 (+20)	-12 (+10)
Color	D-1500		3.5	L3.0
Aniline Point, C° (°F)	D-611			102 (216)
Viscosity-Gravity Constant	D-2501			0.853
Molecular Weight	D-2502			540
Refractive Index @ 20° C	D-1747			1.511
Refractivity Intercept	D-2159			1.047
Aromatic Carbon Atoms, %Ca	D-2140			19
Naphthenic Carbon Atoms, %Cn	D-2140			28
Paraffinic Carbon Atoms, %CP	D-2140			53
Asphaltenes, Mass %	D-2007			0
Polar Compounds, Mass %	D-2007			3.2
Aromatics, Mass %	D-2007			40.4
Saturates, Mass %	D-2007			56.4
Sulfur, Mass %	D-4294			0.10
UV Absorptivity, 260 NM	D-2008			7.2
Volatility, 22 hr/225° F, % Mass	D-972			0.3
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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