

Product Information



Cross L-400

DESCRIPTION

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

TEST NAME	TEST METHOD	SPECIFICATIONS		
		Minimum	Maximum	Typical
Viscosity, cSt @ 40° C	D-445	75.8	80.0	77.6
Viscosity, cSt @ 100° C	D-445	-	-	7.4
Viscosity, SUS @ 100° F	D-2161	400	420	415
Viscosity, SUS @ 210° F	D-2161	-	-	48.2
Gravity, API, 60° F	D-4052	19.4	23.8	21.6
Specific Gravity, 60/60° F	D-1250	-	-	0.9242
Pounds per Gallon @ 60° F	D-1250	-	-	7.696
Flash, COC, °C (°F)	D-92	188 (370)	-	204 (400)
Pour Point, °C (°F)	D-97	-	-26 (-15)	-32 (-25)
Color	D-1500	-	2.0	L 1.5
Aniline Point, °C (°F)	D-611	-	-	83 (181)
Molecular Weight	D-2502	-	-	400
Viscosity-Gravity Constant	D-2501	-	-	0.872
Refractive Index @ 20° C	D-1747	-	-	1.509
Refractivity Intercept	D-2159	-	-	1.047
Ring Carbon Distribution				
Aromatic Carbon Atoms, %Ca	D-2140	-	-	18
Naphthenic Carbon Atoms, %Cn	D-2140	-	-	35
Paraffinic Carbon Atoms, %Cp	D-2140	-	-	47
Fractions by Clay-Gel Absorption				
Asphaltenes, Mass %	D-2007	-	-	0.0
Polar Compounds, Mass %	D-2007	-	-	0.85
Aromatics, Mass %	D-2007	-	-	37.50
Saturates, Mass %	D-2007	-	-	61.65
Sulfur, Mass %	D-4294	-	-	0.07
UV Absorptivity, 260 NM	D-2008	-	-	4.4
Volatility, 22 hr/225° F, % Mass	D-972	-	-	2.4
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.

CROSS OIL REFINING & MARKETING, INC.

SMACKOVER, AR 71762 ■ USA ■ PHONE 800 864-6275 ■ www.crossoil.com

Product Information

Health And Safety Information See separate Safety Data Sheets available on request.

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