

# CORSOL 1200

## PROCESS OILS

Corsol Series are severely hydro treated naphthenic process oils manufactured from select crude streams. Corsol 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	227.3	236.8	238.2
Viscosity, cSt @ 100° C	D-445	-	-	14.5
Viscosity, SUS @ 100° F	D-2161	-	-	1253
Viscosity, SUS @ 210° F	D-2161	-	-	78.0
Gravity, API, 60° F	D-4052	-	-	20.9
Specific Gravity, 60/60° F	D-1250	18.4	22.8	0.929
Pounds per Gallon @ 60° F	D-1250	-	-	7.732
Flash, COC, °C (°F)	D-92	215 (419)	-	234 (453)
Flash, PMCC, °C (°F)	D-93	-	-	183 (361)
Pour Point, °C (°F)	D-97		+2 (+36)	-13 (+9)
Color	D-1500		3.5	L 3.0
Aniline Point, °C (°F)	D-611	90 (194)	98 (208)	91 (196)
Molecular Weight	D-2502	-	-	460
Viscosity-Gravity Constant	D-2502	-	-	0.8510
Refractive Index @ 20° C	D-1747	-	-	1.510
Refractivity Intercept	D-2159	-	-	1.046
<b>Ring Carbon Distribution</b>				
Aromatic Carbon Atoms, %Ca	D-2140	-	-	16
Naphthenic Carbon Atoms, %Cn	D-2140	-	-	33
Paraffinic Carbon Atoms, %Cp	D-2140	-	-	51
<b>Fractions by Clay-Gel Absorption</b>				
Asphaltenes, Mass %	D-2007	-	-	0
Polar Compounds, Mass %	D-2007	-	-	2.12
Aromatics, Mass %	D-2007	-	-	38.8
Saturates, Mass %	D-2007	-	-	59.1
Sulfur, Mass %	D-4294	-	-	0.20
UV Absorptivity, 260 NM	D-2008	-	-	6.7
Volatility, 22 hr/225° F, % Mass	D-972	-	-	0.4
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.

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

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**Cross Oil Refining & Marketing, Inc.**

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