

Product Information



Cross L 1200

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-0445 | 222.8 | 240.0 | 234.9 |
| Viscosity, cSt @ 100° C | D-0445 | - | - | 14.6 |
| Viscosity, SUS @ 100° F | D-2161 | 1200 | 1300 | 1273 |
| Viscosity, SUS @ 210° F | D-2161 | - | - | 78.4 |
| Gravity, API, 60° F | D-4052 | 19.4 | 22.8 | 21.7 |
| Specific Gravity, 60/60° F | D-1250 | - | - | 0.9239 |
| Pounds per Gallon @ 60° F | D-1250 | - | - | 7.696 |
| Flash, COC, °C (°F) | D-0092 | 221 (430) | | 235 (455) |
| Pour Point, °C (°F) | D-0097 | - | -7 (+20) | -12 (+10) |
| Color | D-1500 | - | 3.5 | L 2.0 |
| Aniline Point, °C (°F) | D-0611 | 90 (194) | 98 (208) | 92 (198) |
| Molecular Weight | D-2502 | - | - | 460 |
| Viscosity-Gravity Constant | D-2502 | | | 0.8961 |
| Refractive Index @ 20° C | D-1747 | - | - | 1.510 |
| Refractivity Intercept | D-2159 | | | 1.046 |
| Ring Carbon Distribution | | | | |
| Aromatic Carbon Atoms, %Ca | D-2140 | - | - | 16 |
| Naphthenic Carbon Atoms, %Cn | D-2140 | | | 33 |
| Paraffinic Carbon Atoms, %Cp | D-2140 | | | 51 |
| Fractions by Clay-Gel Absorption | | | | |
| Asphaltenes, % mass | D-2007 | - | - | 0.00 |
| Polar Compounds, % mass | D-2007 | | | 2.12 |
| Aromatics, % mass | D-2007 | | | 38.8 |
| Saturates, % mass | D-2007 | | | 59.1 |
| Sulfur, Mass % | D-4294 | - | - | 0.18 |
| UV Absorptivity, 260 nm | D-2008 | - | - | 6.7 |
| Volatility, 22 hr/225° F, % mass | D-0972 | - | - | 0.4 |
| DMSO Extract, wt.% | IP-346 | - | 3.0 | < 3.0 |

REACH Registration

CAS No. 64742-53-6
CAS No. 64742-52-5

**Pre-registration
Registration**

02-2118612511-56-0000
01-2119467170-45-0030

CROSS OIL REFINING & MARKETING, INC.

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Product Information

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 GHS Safety Data Sheets available on request.

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