



# Corsol 2000

## 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       | 357.6          | 380.5     | 368.0      |
| Viscosity, cSt @ 100° C                 | D-445       | -              | -         | 19.3       |
| Viscosity, SUS @ 100° F                 | D-2161      | -              | -         | 2005       |
| Viscosity, SUS @ 210° F                 | D-2161      | -              | -         | 101.7      |
| Gravity, API, 60° F                     | D-4052      | -              | -         | 20.2       |
| Specific Gravity, 60/60° F              | D-1250      | -              | -         | 0.9328     |
| Pounds per Gallon @ 60° F               | D-1250      | -              | -         | 7.7705     |
| Flash, COC, C° (F°)                     | D-92        | 216 (420.8)    | -         | 240 (464)  |
| Pour Point, C° (°F)                     | D-97        | -              | -         | -7 (+19.4) |
| Color                                   | D-1500      | -              | L 3.5     | L 2.5      |
| Aniline Point, C° (°F)                  | D-611       | -              | 110 (230) | 98 (208)   |
| Molecular Weight                        | D-2502      | -              | -         | 500        |
| 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      | -              | -         | 17         |
| Naphthenic Carbon Atoms, %Cn            | D-2140      | -              | -         | 35         |
| Paraffinic Carbon Atoms, %Cp            | D-2140      | -              | -         | 48         |
| <b>Fractions by Clay-Gel Absorption</b> |             |                |           |            |
| Asphaltenes, Mass %                     | D-2007      | -              | -         | 0          |
| Polar Compounds, Mass %                 | D-2007      | -              | -         | 2.9        |
| Aromatics, Mass %                       | D-2007      | -              | -         | 40.2       |
| Saturates, Mass %                       | D-2007      | -              | -         | 56.9       |
| Sulfur, Mass %                          | D-4294      | -              | -         | 0.05       |
| UV Absorptivity, 260 NM                 | D-2008      | -              | -         | 6.8        |
| 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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**Cross Oil Refining & Marketing, Inc.**

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