

# CORSOL NS-40

## 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       | 3.45           | 4.9       | 4.70      |
| Viscosity, cSt @ 100° C      |             | -              | -         | 1.55      |
| Viscosity, SUS @ 100° F      | D-445       | 38             | 44        | 42.3      |
| Viscosity, SUS @ 210° F      |             | -              | -         | 31.3      |
| Gravity, API, 60° F          | D-2161      | 27.6           | 30.6      | 27.7      |
| Specific Gravity, 60/60° F   |             | -              | -         | .8888     |
| Pounds per Gallon @ 60° F    | D-2161      | -              | -         | 7.401     |
| Flash, COC, C (F)            |             | 118 (245)      |           | 124 (255) |
| Pour Point, C (°F)           | D-2270      | -              | -57 (-70) | -68 (-90) |
| Color                        |             | -              | L 0.5     | L 0.5     |
| Aniline Point, C (°F)        | D-4052      | -              | -         | 61 (142)  |
| Sulfur, Mass %               |             | -              | 0.05      | 0.01      |
| Aromatic Carbon Atoms, %Ca   | D-1250      | -              | -         | 9         |
| Naphthenic Carbon Atoms, %Cn |             | -              | -         | 57        |
| Paraffinic Carbon Atoms, %Cp | D-1250      | -              | -         | 34        |
| Asphaltenes, Mass %          |             | -              | -         | 0         |
| Polar Compounds, Mass %      | D-92        | -              | -         | 0.05      |
| Aromatics, Mass %            |             | -              | -         | 27.6      |
| Saturates, Mass %            | D-97        | -              | -         | 72.35     |
| UV Absorptivity, 260 NM      |             | -              | -         | 0.06      |
| Kauri-Butanol Value          | D-1500      | -              | -         | 38        |
| Distillation, °C / (°F)      |             | -              | -         |           |
| IBP                          | D-611       | -              | -         | 210 (410) |
| 50%                          |             | -              | -         | 282 (540) |
| EP                           | D-4294      | -              | -         | 319 (606) |
| Vapor Pressure @ 100°F, torr |             | -              | -         | 0.1       |
| Relative Evaporation Rate    |             | -              | -         | 0.006     |
| Volatility                   |             | -              | -         | 97.0      |
| VOC @ 100°F                  |             | -              | -         | 0.1       |
| DMSO Extract, wt.%           |             | -              | 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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Smackover, AR 71762 | USA | Phone 800 864-6275 | [www.crossoil.com](http://www.crossoil.com)

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