



## **SPECIFICATION**

### **NAPHTHENIC BASE OIL (K-500)**

| PROPERTIES                      | UNIT    | LIMITATION |           | TEST METHOD |
|---------------------------------|---------|------------|-----------|-------------|
|                                 |         | MIN        | MAX       |             |
| KINEMATIC VISCOSITY<br>@ 40 °C  | cST     | 94.4       | 103.3     | ASTM D445   |
| KINEMATIC VISCOSITY<br>@ 100 °C | cST     | 8.0        | 9.0       | ASTM D445   |
| KINEMATIC VISCOSITY<br>@ 100 °F | SUS     | 500        | 550       | ASTM D2161  |
| VISCOSITY INDEX                 |         | 14         | 38        | ASTM D2270  |
| GRAVITY @ 60 °F                 | API     | 19.3       | 23.5      | ASTM D4052  |
| FLASH POINT (COC)               | °C (°F) | 195 (380)  |           | ASTM D92    |
| POUR POINT                      | °C (°F) |            | -15 (+15) | ASTM D97    |
| COLOR                           |         |            | 2.0       | ASTM D1500  |
| SULFUR CONTENT                  | MASS %  |            | 0.10      | ASTM D4294  |
| DMSO EXTRACT                    | WT %    |            | 3.0       | IP 346      |

