



| NAPHTHA                                                                                                    |                      |                                        |
|------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------|
| TEST                                                                                                       | METHOD               | SPECIFICATION                          |
| Density @ 15°C, g/ml                                                                                       | P:16                 | 0.682 to 0.750                         |
| Appearance                                                                                                 | Visual               | Clear & Bright                         |
| Colour                                                                                                     | Visual               | Colourless                             |
| Total Sulphur, %wt                                                                                         | P : 34 / ASTM D:4294 | Max. 0.1                               |
| Residue on Evap. mg/100 ml                                                                                 | P : 29               | Max. 5                                 |
| Aromatics, % V                                                                                             | P : 23 / ASTM D:5134 | Max. 20.0                              |
| Olefins, % V                                                                                               | P : 23               | Max. 1.0                               |
| Calorific Value, Kcal/kg (Calculated)<br>Gross<br>Net                                                      | P : 7<br>P : 7       | Min. 11300<br>Min. 10500               |
| Distillation                                                                                               | P : 18               |                                        |
| IBP, °C<br>50%v Recovery, °C<br>FBP, °C                                                                    |                      | To be Reported<br>Min. 130<br>Max. 180 |
| RVP @ 38° C, psi                                                                                           | P : 39               | Max. 10                                |
| Lead as Pb, ppm.                                                                                           | ASTM D-1368          | Max. 0.2                               |
| K. V. @ 15°C, cSt,                                                                                         | P : 25               | Max. 0.5                               |
| C / H (Calculated)(1)                                                                                      |                      | Max. 6.5                               |
| Calcium, ppm                                                                                               | AAS /ICP             | Max. 2                                 |
| Vanadium, ppm                                                                                              | AAS /ICP             | Max. 0.5                               |
| Nickel, ppm                                                                                                | AAS /ICP             | Max. 0.1                               |
| Zinc, ppm                                                                                                  | AAS /ICP             | Max. 0.1                               |
| Sodium & Potassium, ppm                                                                                    | AAS /ICP             | Max. 0.2                               |
| (1) C / H Ratio = $\frac{74+15 d}{26 - 15 d}$                                                              |                      |                                        |
| where d = specific gravity @ 60/60°F reference U.S. Bureau of standards,                                   |                      |                                        |
| Miscellaneous Publication No. 97 (9.11.1929)                                                               |                      |                                        |
| <b>Properties given above are typical. We try our best to make products to meet customer requirements.</b> |                      |                                        |