

| <b>RSP (IDOT Specification)</b>                 |   |               |            |            |
|---|---|---------------|------------|------------|
| <b>Tests on Emulsion</b>                        |   | <b>Method</b> | <b>Min</b> | <b>Max</b> |
| Viscosity, Saybolt Furol @77°F (25 C), SFS      |   | AASHTO T 59   | 20         | 100        |
| Storage Stability Test, 24 hr, %                |   | AASHTO T 59   | ---        | 1          |
| Sieve Test retained on No. 20 (850 um) sieve, % |   | AASHTO T 59   | ---        | 0.1        |
| Residue by Distillation %                       |   | AASHTO T 59   | 63         |            |
| Oil Distillate by volume %                      |   | AASHTO T 59   | ---        | 2          |
| Demulsibility, %                                | 35 ml, 0.02 N CaCl <sub>2</sub> or        | AASHTO T 59   | 60         |            |
|   | 35 ml, 0.8% dioctyl sodium sulfosuccinate |               |            |            |
| <b>Tests on Residue From Distillation</b>       |   |               |            |            |
| Penetration 77° F (25 °C), 100g, 5 sec, dmm     |   | AASHTO T 49   | 60         | 150        |
| Elastic Recovery 39° F (4 °C), %                |   | AASHTO T 301  | 60         | ---        |

1/ After standing undisturbed for 24 hours, the surface shall show no white, milky colored substance, but shall be a smooth homogeneous color throughout. The material may be released prior to completion of the test based on approval of the Department

2/ AASHTO T59 with modifications to include a 375 °F ± 10 °F (190 °C ± 5 °C) maximum temperature to be held for a period of 15 minutes.