**Technical Data Sheet SPECIFICATIONS Diesel 500 ppm**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Property** | **Units** | **Method** | **Limits (min/max)** | **SANS 342** | **\*Typical Results** |
| Density @ 20 ºC | Kg/L | D4042/D1298 | Min | 0.800 | 0.8345 |
| Appearance |  | D4176 or Haze Rating (17º to 23º) | Max | n/a | 1 |
| Colour ASTM |  | D1500 | Max | n/a | 1.5 |
| Cetane Number |  | D613 | Min | 45 | 48 |
| Kinematic Viscosity @ 40ºC | cSt | D445 | Max | 2.2-5.3 | 3,689 |
| Sulphur Content | Mg/Kg | D4294/D5453 | Max | 500 | 450 |
| Cu Corrosion(3Hr @100ºC)(1) | Rating | D 130 | Max | 1 | 1 |
| Particulate Contamination | mg/Kg | IP 440 | Max | 24 | 3 |
| Lubricity | µm | D6079/CEC-F-06 A | Max | 460 | 320 |
| R.C.R (10% Bottoms) | %m/m | D524 | Max | 0.2 | 0.05 |
| Water | Ppm(v/v) | D6304/D4928/D4377 | Max | 500 | 100 |
| Ash | %m/m | D482 | Max | 0.01 | <0.01 |
| 90% Recovery | ºC | D86 | Max | 362 | 355 |
| Neut ValueStrong Acid Number Total Acid Number | mgKOH/g mgKOH/g | D974 D974 | Max Max | n/a 0.25 | Nil<0.05 |
| Oxidation Stability | mg/100ml | D2274 | Max | 2.0 | 0.8 |
| Conductivity @ 20ºC | pS/m | IP274/D2624 | Min | n/a | 200 |
| Flash Point | ºC | D93 | Max | 55 | 70 |
| Cold Filter Plugging Point Summer(1 Oct to 14 March) Winter (15 March to 30 Sept) | ºCºC | IP 309 | Max Max | 3-4 | -1-7 |