



Title: Specification for D2 DIESEL GAS OIL

| Components | Units | Min. | Max. | Method of Analysis |
|-------------------------------|----------------------------|------|--------------|-------------------------|
| Density @20°C | Kg/m ³ | | 0.850 | ASTM D1298 / ASTM D4052 |
| Color | | | 2.0 | ASTM D1500 |
| Flash Point (PMCC) | °C | 57 | 62 | ASTM D93 |
| Kinematic Viscosity @20°C | cSt | 3.0 | 6.0 | ASTM D445 |
| Pour Point | °C | | -10.0 | ASTM D97 |
| Cloud Point | °C | | -5.0 | ASTM D2500 |
| Mercaptan Sulphur | % wt | | 0.01 | ASTM D3227 |
| Acidity | mg KOH/1000cm ³ | | 5 | ASTM D974 |
| Iodine Number | g/100g | | 6 | ASTM D1959 |
| Ash | % wt | | 0.01 | ASTM D482 |
| Total Sulphur | % wt | | 0.02 | ASTM D4294 / ASTM D5453 |
| Copper Corrosion (3hrs @50°C) | Rating | | 1A (Typical) | ASTM D130 |
| CCR on 10% Residue | % wt | | 0.20 | ASTM D189 |
| Cetane Index | | 45 | | ASTM D4737 |
| Distillation – 50% Recovered | °C | | 280 | ASTM D86 |
| Distillation – 96% Recovered | °C | | 360 | ASTM D86 |
| Bacteria (MBC) | Fibres/L | | 500 | ASTM D6469 |