



Dangote Petroleum Refinery and Petrochemicals FZE, Ibeju-Lekki

Export Specifications

Low Sulphur Gas Oil (LSGO)

| Sr. No. | Parameter | UoM | Test Method | Specification |
|---------|---|------------------|-------------|---------------------|
| 1 | Appearance | - | Visual | Clear & Bright |
| 2 | Colour, ASTM | - | ASTM D1500 | 3.0 max |
| 3 | Specific Gravity at 15/15 °C | - | ASTM D4052 | 0.8300-0.8600 |
| 4 | Density at 15°C | gm/cc | ASTM D4052 | To Report |
| 5 | Acidity (inorganic acid) | mgKOH/g | ASTM D974 | Nil |
| 6 | Total Acid Number | mgKOH/g | ASTM D664 | 0.50 max |
| 7 | Distillation a) Percentage recovery at 357°C | % vol | ASTM D86 | 90 min |
| | b) Final Boiling Point | °C | | 385 max |
| 8 | Flash Point | °C | ASTM D93 | 66 min |
| 9 | Kinematic Viscosity at 40°C | cSt | ASTM D445 | 2 .0 - 5.5 |
| 10 | Cloud Point | °C | ASTM D2500 | To Report |
| 11 | CCR on 10% Residue | % wt. | ASTM D189 | 0.15 max |
| 12 | Ash | % wt. | ASTM D482 | 0.01 max |
| 13 | Copper Strip Corrosion, 3h at 100°C | rating | ASTM D130 | Not worse than No.1 |
| 14 | Sediment | % wt. | ASTM D473 | 0.01 max |
| 15 | Total Sulphur | ppm | ASTM D5453 | 50 max |
| 16 | Water Content | % vol | ASTM D95 | 0.05 max |
| 17 | Cetane Number | Number | ASTM D613 | 45 min |
| 18 | Cetane Index | Number | ASTM D976 | 47 min |
| 19 | Lubricity, HFRR@60°C | Micron | ASTM D6079 | 520 max |
| 20 | Oxidation Stability | g/m ³ | ASTM D2274 | 25 max |

----- End -----