ANALYTICAL PRODUCTS SPECIFICATIONS

DIESEL OIL EN 590 10 ppm

PRODUCT: DIESEL OIL EN 590 10 ppm SIGLA: GO-2010 N° C.A.S.: 88334-30-5

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| COMPONENT | METHOD OF ANALYSIS | UNIT | RESULT |
| Min. | Max. |
| AspectColor | Visual inspectionASTM D 1500 |  | Clear2,0 |
| Density @ 15° | EN ISO 3675:98 / EN ISO 12185:96/ C1:2001 | Kg/m3 | 820,0 | 845,0 |
| Flash Point | EN ISO 2719:2002 | C° | 55(1) |  |
| Distillation: |  |  |  |  |
| - Recovered @ 150 °C |  | % vol |  | 2,0 |
| - Recovered @ 250 °C | EN ISO 3405:2000 | % vol |  | 65,0(2) |
| - Recovered @ 350 °C |  | % vol | 85,0(2) |  |
| - Recovered at 95% |  | °C |  | 360,0 |
| C.F.P.P. (summer) (3)C.F.P.P. (winter) (3) | EN 116:1997 | °C°C | 50,0 | -2-12 |
| CLOUD Point (summer)CLOUD Point (winter) | EN 23015:1994 | °C°C | Report |
|  | 0 |
| Cetane number | EN ISO 5165:1998 | n° | 51,0 |  |
| Cetane index | EN ISO 4264:1996 | Index | 46,0 |
| Viscosity @ 40 °C | EN ISO 3104:1996 | mm2/s | 2,00 | 4,50 |
| Water content | EN ISO 12937:2000 | mg/kg |  | 200 |
| Total contamination | EN ISO 12662:2002 | mg/kg | 15 |
| Sulfur content | EN ISO 20884:2004 | mg/kg |  | 10,0 |
| Copper strip corrosion (3 hr at 50 °C) | EN ISO 2160: 1998 | Indice | 1st Class |
| Carbon residue(on 10% distillation residue) | EN ISO 10370:1995 | % weight |  | 0,15 |
| Total acidity | ASTM D 974:2002 | mgKOH/g |  | 0,3 |
| Ash content | EN ISO 6245:2002 | % weight |  | 0,01 |
| Lubricity, correct wear scar | EN ISO 12156-1:2000 | µm |  | 460 |
| Oxidation stability | EN ISO 12205:1996 | g/m3 | 20 |  |
| Electrical conductivity (4) | IP 274; ASTM 2624; ISO 6297 | pS/m | 50 |  |
| Polyciclic aromatic hydrocarbons | EN 12916:2001 | %m/m |  | 11,0(6) |
| Biodiesel content (5) | EN 14078:2003 | % vol | 4,5 | 7,0 |