


|  | <h2>CleanFuel HVO20</h2> <p>Fuel for diesel engines for road vehicles and other combustion equipment</p> | |
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| Property | Limits | Test Method |
| Appearance | Clear and Bright | Visual inspection |
| Density at 15°C | 820.0 - 845.0 kg/m ³ | EN ISO 3675 / 12185 |
| Sulfur content | Max. 10.0 mg/kg | EN ISO 20884 / 20846 / 13032 |
| Cetane number | Min. 51.0 | EN ISO 5165 EN 15195 / 16144 |
| Cetane index | Min. 46.0 | EN ISO 4264 |
| Manganese content | Max. 2.0 mg/l | prEN 16576 |
| Flash point | > 55°C | EN ISO 2719 |
| Carbon residue (on 10% distillation residue) | Max. 0.30 % m/m | EN ISO 10370 |
| Ash content | Max. 0.01 % m/m | EN ISO 6245 |
| Viscosity at 40°C | 2.00 - 4.50 mm ² /s | EN ISO 3104 |
| Lubricity | Max. 460 µm | EN ISO 12156-1 |
| Copper strip corrosion (3h at 50°C) | Class 1 | EN ISO 2160 |
| Total contamination | Max. 24 mg/kg | EN 12662 |
| Oxidation stability | Max. 25 g/m ³ | EN ISO 12205 |
| Oxidation stability (not applicable if FAME content below 2 % v/v) | Min. 20.0 h | EN 15751 |
| Water content | Max. 200 mg/kg | EN ISO 12937 |
| Conductivity | Min. 50 pS/m | ASTM D2624 |
| FAME content | Max. 7.0 % v/v | EN 14078 |
| Polycyclic aromatic hydrocarbons | Max. 8 % m/m | EN 12916 |
| Colour ASTM | Max. 2.0 | ASTM D1500 / D6045 |
| Distillation: Recovered at 250°C Recovered at 350°C 95% recovered at | < 65.0 % v/v Min. 85.0 % v/v Max. 360.0°C | EN ISO 3405 / 3924 |
| CFPP: April/May/June/July/August/September March/October November/December/January/February | Max. -5°C Max. -11°C Max. -20°C | EN 116 / 16329 |
| Cloud Point: April/May/June/July/August/September March/October November/December/January/February | Max. +4°C Max. 0°C Max. -5°C | EN 23015 |
| WASA (not applicable if Cloud point equal or better than -7°C) | Min. 150 g/t | |
| Effective date: 01/03/2018 | | Revision number: - |