



HVO (Renewable Diesel)

Product:

HVO
Renewable Diesel

Applicable standards:

BS EN 15940:2016 + A1:2018
(Class B – normal cetane)

Use:

As diesel fuel in dedicated diesel
vehicle fleets and engines⁶

Sales specification	Units	Minimum	Maximum
Cetane number	–	51.0	–
Density at 15°C	kg/m ³	780.0	810.0
Total aromatics content	% (m/m)	–	1.1
Sulphur content	mg/kg	–	5.0
Manganese content	mg/l	–	2.0
Flash point (PMCC)	°C	55	–
Carbon residue (on 10% distillation residue)	% (m/m)	–	0.30
Ash content	% (m/m)	–	0.01
Water content	mg/kg	–	200
Total contamination	mg/kg	–	24
Copper corrosion (3h at 50°C)	rating	–	Class 1
Fatty acid methyl ester content	% (v/v)		FAME free
Oxidation stability	g/m ³	–	25
Lubricity, corrected wear scar diameter at 60°C	Micron	–	460
Viscosity at 40°C	mm ² /s	2.0	4.50
Distillation characteristics			
Recovered at 250°C	% (v/v)	–	<65
Recovered at 350°C	% (v/v)	85	–
95% point	°C	–	360
Cold filter plugging point			
Summer (16 March – 31 October)	°C	–	-5
Winter (1 November – 15 March)	°C	–	-15

Additional Information

1. Visual appearance should be clear and bright and free from undissolved water.
2. FAME Free means <0.5% v/v Fatty Acid methyl Ester (FAME)
3. The Summer and Winter dates specified above apply to diesel being delivered from our import depots.
4. Performance additives (detergent, anti-foam etc.) added as necessary at depots.
5. Health, Safety and Environmental information is given on Material Safety Data Sheet.
6. Paraffinic diesel fuel does not meet the automotive diesel fuel standard, EN 590. Its density can be outside the limits for automotive diesel fuel, and the described class A type fuel has a higher cetane number. Paraffinic diesel fuel is not validated for all vehicles, consult vehicle manufacturer before use

All Greenenergy fuels are designed for optimum operating and emissions performance.
For further information phone 020 7404 7700.