

CHP Biofuel And EN 14214 Specifications

Parameter	Unit	CHP Biofuel	EN 14214
Acid Value	Mg KOH/g	Max 0.50	Max 0.50
Carbon Residue	m/m	Max 0.5%	Max 0.3%
Cetane number		Min 51.0	Min 51.0
Cold Filter Plugging Point	°C	Max 10	-20 to 0
Density at 15°C	kg/m3	872 – 878	872 – 878
Ethanol content	m/m	Max 0.20%	Max 0.20%
Fatty acid ethyl ester content	m/m	Min 96.5%	Min 96.5%
Flash point	°C	>120	>120
Free glycerol content	m/m	Max 0.02%	Max 0.02%
Iodine Value	g/100g	Max 120	Max 120
Linolenic acid ethyl ester content	m/m	Max 12.0%	Max 12.0%
Monoacylglycerol content	m/m	Max 0.8%	Max 0.8%
Diacylglycerol content	m/m	Max 0.2%	Max 0.2%
Triacylglycerol content	m/m	Max 0.2%	Max 0.2%
Oxidation stability at 110°C	hours	Min 4.0	Min 6.0
Polyene acid ethyl ester content	m/m	Max 1%	Max 1%
Solid Impurities content	mg/kg	Max 10	Max 24
Sulphur Content	mg/kg	Max 10	Max 10
Sulphated Ash content	m/m	Max 0.02%	Max 0.02%
Total glycerol content	m/m	Max 0.25%	Max 0.25%
Typical calorific value	MJ/kg	Min 37.5	Min 35.0
Viscosity at 40°C	mm2/s	3.5 – 5.0	3.5 – 5.0
Water content	mg/kg	Max 350	Max 500

What Do We Offer?

- White Diesel
- Kerosene Oil
- HVO Fuel
- Biodiesel
- CHP Biofuel
- Home Heating Oil
- Ancillary Products
- Red Diesel
- FAME Biodiesel
- Industrial Lubricants
- Industrial Heating Oil
- Carbon Offset Red Diesel
- Marine Lubricants
- Industrial Lubricants
- Marine Gas Oil
- Marine Diesel Oil
- Hydraulic Oil
- Premium Paraffin
- Peat Briquettes
- AdBlue

Our Services

- Emergency Oil Delivery
- Environmental Services
- Fuel Management
- Fuel Polishing
- Fuel Uplift Service
- Fuel Monitoring
- Nationwide Fuel Delivery
- Fuel Tank Telemetry
- Oil Tank Installation
- Domestic Oil Tank Removal
- Industrial Tank Cleaning
- Marine Tank Cleaning
- Oil Tank Replacement
- Oil Tank Cleaning
- Tank Inspection
- Tank Decommissioning
- Diesel Fuel Tank Cleaning
- Fuel Tank Telemetry
- Construction Site Fuel Delivery
- Technical Support
- Priority Contracts
- Waste Oil Collection
- Fuel Pump Repair
- Fuel Testing

About 123 Oil

123 Oil has a staggering experience of over 5 decades in delivering top-of-the-market fuel and oil related services to its clients. We stand apart from our competitors due to:

- Diverse and exceptional services
- Expert and knowledgeable team
- Agile and efficient logistics
- Fair and competitive prices
- Honest and clear communication