

EN 590 DERV Specifications (ULSD)

Road diesel, or DERV, requires a compulsory 7% blend of biodiesel to be sold in the UK. Its chemical and physical specifications are as follows:

Parameter	Unit	Maximum Value
% Vol Rec @ 250°C	-	
% Vol Rec @ 345°C	°C	-11°C
95% Vol recovered	°C	100°C
Appearance	pH	10
Ash Content	g/l	
Cetane index	mPa.s	1.4
Cetane number	%	33.2
Colour	g/cm ³	1.093
Copper corrosion 3 hr @ 50°C	-	1.3843
Density @ 15°C	%	0.2
Flashpoint (PMCC)	%	0.3
Lubricity, Corrected water scar	mg/kg	20
Odour	mg/kg	5
Oxidation stability	mg/kg	0.5
Particulate matter	mg/kg	0.5
Polycyclic aromatic hydrocarbons	mg/kg	0.5
Residue wt on 10% bottoms	mg/kg	0.5
Sulphur Content	mg/kg	0.5
Viscosity CST @ 40°C	mg/kg	0.5
Water Content	mg/kg	0.5

Cold filter plugging point

Winter	-15 max	°C
Summer	-5 max	°C

Cloud point

Winter	-5 max	°C
Summer	+3 max	°C

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