



RED DIESEL

RED DIESEL

## RED DIESEL IS THE LOW-TAX FUEL THAT KEEPS YOUR BUSINESS RUNNING.

Also known as gas oil, 35-second burning oil, tractor diesel and cherry red, Red Diesel is a commercially attractive alternative to white diesel in non-roadgoing vehicles, generators and heating systems.

Here at Crown Oil, we work closely with businesses and customers across the UK to fulfil their Red Diesel needs.

As a leading fuels, oils and lubricants supplier, our customers benefit from our first-class service, long experience and efficient deliveries.

Our Red Diesel is available for delivery in 205-litre barrels, and in tanker deliveries for orders of 500-36,000+ litres. Plus, with a standard delivery time of 24-48 hours and nationwide coverage, you can rest assured that your order is never far away.

# TECHNICAL SPECIFICATIONS

123 Oils Red Diesel meets BS 2869 (2010) Class A2. Red Diesel is a dyed and marked product, to be used for small furnace or boiler applications, stationary diesel and untaxed engines.

Fuel Parameters	Measure	British Standard	Typicals
Kinematic Viscosity	cSt at 40°C	5.5 max 1.5 min	3.5 - 4.5
Density at 15°C	kg/m <sup>3</sup>	-	856
Sulphur	ppm	20 0.002% max ppm	10 0.001% ppm
Cetane No or Calculated Cetane Index	Min	45 min	48
Flash Point	°C	56 min	>62
Ash	% mass	0.01 max	<0.001
Sediment	% mass	0.01 max	<0.001
Water	% volume	0.02	<0.01
Cold Filter Plugging Point	-°C		
Summer (16/3 - 30/9 incl.)		-4 max	-8
Winter (1/10 - 15/3 incl.)		-12 max	-14
Cloud Point	°C		
Summer (16/3 - 14/11 incl.)		-	2
Winter (15/11 - 15/3 incl.)		-	-2
Carbon Residue	% mass	0.2 max	0.1
Ramsbottom on 10% residue			
Distillation Recovery At 350°C	% vol.	85 min	90
Carbon	% mass	-	87
Hydrogen	% mass	-	12.75
Nitrogen	% mass	-	0.01 - 0.05
Gross Specific Energy	MJ/kg	-	45.4
	MJ/litre	-	38.8
Mean Specific Heat Capacity over 0-100°C	KJ/kg°C	-	2.05
Volume Correction Factor	per °C	-	0.00081
Copper Corrosion	-	1 Max	1A