

# Red Diesel

Regulations and Technical Specifications



**Crown Oil**  
Fuels and Lubricants

**0330 123 1444**

# 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

Crown 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/m3	-	856
Sulphur	ppm	20 0.002% max ppm	10 0.001% ppm
Cetane No or Calculated Ce-tane 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

The above are typical figures and we reserve the right to alter the specification without notice. Nothing on this specification constitutes a guarantee. Amanded to 2010 regs.

# The Fuel Experts

Established over 70 years ago, Crown Oil is an independently owned, family-run business, supplying oil and lubricants throughout the UK, to both domestic and commercial customers.

We believe excellent service before and after your order is paramount to our continued success. When combining this with our first-class local knowledge, competitive fuel prices and efficient deliveries, we are confident we can provide a complete fuel solution you can rely on.

To find out how Crown Oil's Red Diesel can benefit your business, call us on **0330 123 1444** or visit [crownoil.co.uk](http://crownoil.co.uk).



**Red Diesel**  
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**Lubricants**  
**Renewable Fuels**  
**HVO Fuel**  
**Carbon Offset Fuel**

- Guaranteed on-time nationwide delivery
- 24/7 emergency fuel supply
- Fuel contamination services
- Fuel testing and uplift
- Industrial tank cleaning
- OFTEC fuel tank, pipework & telemetry services
- Fuel tank and pipework inspections

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