

# Ultra Low Sulphur Diesel

An environmentally-friendly  
alternative to standard diesel.



**Crown Oil**  
Fuels and Lubricants

One of the many products we provide here at Crown Oil, **Ultra Low Sulphur Diesel (ULSD)** has substantially lower sulphur content than standard road deisel.

This document provides information about ULSD and details of its characteristics.

## **An alternative to DERV that's friendlier to the environment**

As part of the effort to reduce worldwide emissions, and to enable the use of emission control devices in diesel engines, countries around the world have introduced legislation to reduce the harmful particulate content of diesel.

This is why, since the early 2000's, almost all white diesel available in the EU has been a Low Sulphur Diesel (LSD) variant.

# Technical Specifications

Parameter	Unit	Minimum	Maximum
Appearance	-	Clear and bright, free from visible sediment and water	-
Colour	-	2.5 max	-
Odour	-	Merchantable	-
Density at 15°C	g/ml	0.820	0.835
Cold filter plugging point	°C		
Winter		-	-15
Summer		-	-5
Cloud point	°C		
Winter		-	-5
Summer		-	+3
Flash point (PMCC)	°C	56	-
Cetane Number		51	-
Cetane Index		46	-
Viscosity cst at 40°C		2.0	4.5
Sulphur % Wt			0.001
Copper corrosion 3hr at 50°C		Class 1	-
Micro carbon residue:			
Residue weight on 10% bottoms		0.30 (note 3)	-
Ash % Weight			0.01
Particulate matter	mg/kg		24
Water	mg/kg		200
Distillation	°C		
% Vol Rec at 250°C		-	65.0
% Vol Rec at 345°C		-	85.0
95% Vol recovered	°C	360.0	-
Oxidation stability		-	2.5
Polycyclic aromatic hydrocarbons	%	-	11
Lubricity, Corrected water scar		460 Diameter at °C	-

## Notes:

1. Latest Test Method or technical equivalent it used.
2. Unless otherwise advised the following seasonal dates apply at point of sale:
  - Summer: 16<sup>th</sup> March - 21<sup>st</sup> October.
  - Winter: 22<sup>nd</sup> October - 15<sup>th</sup> March.
3. May contain an ignition improver in which case the MCR test is not valid.

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

# 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.

We have a wide range of fuel services on offer, including environmental services, designed to help you get the most out of your fuels, such as:

- Fuel Management Service
- National Fuel Supplies
- Out of Hours, Emergency Fuel Deliveries
- Fuel Testing
- Fuel Uplift
- Fuel Polishing
- Priority Fuel Contract Service

To find out how Crown Oil's ULSD can benefit your business, call us on **0845 313 0845** or visit our website at [www.crownoil.co.uk](http://www.crownoil.co.uk).

