



Product

Diesel

Appearance

Clear liquid. Pale straw/yellow in colour

Specification

BS EN 590 latest edition*

* Diesel also complies with the Motor Fuel Regulations 1999 and HM Revenue and Customs requirements for ULS Diesel
 .Full rate of duty is applicable.

Application

High quality fuel for use in modern diesel road vehicles.

Quality Data

Parameter (BS-Methods)	Units	BS or HM Revenue & Customs Limit		Typical
		Min	Max	
Cetane Number		51.0	-	53
Cetane Index		46.0	-	48.6
Density @15 °C	kg/m ³	820	845	839.4
Polycyclic aromatic hydrocarbons	% mass	-	8	5.7
Sulphur Content	mg/kg	-	10	8.4
Manganese content	mg/l	-	2.0	1.0
Flash Point	°C	> 55	-	61
Carbon Residue (on 10% distillation residue)	% (m/m)	-	0.3	<0.01
Ash Content	% (m/m)	-	0.01	0.00
Water Content	mg/kg	-	200	71.4
Total Contamination	mg/kg	-	24	<6
Copper Strip Corrosion	rating	Class 1		Class 1
Oxidation Stability	g/m ³ hrs	- 20	25	2 57.2
Lubricity, corrected wear scar diameter (wsd 1.4 @ 60 °C)	µm	-	460	242
Viscosity @40 °C	mm ²	2.0	4.5	2.4
FAME Content	%	-	7.0	5.0
Cloud Point				
Summer	°C	-	-	0 (S)
Winter	°C	-	-	- 5 (W)
CFPP				
Summer	°C	-	-5	- 9 (S)
Winter	°C	-	-15	- 19 (W)
Filter Blocking tendency (applicable: Nov 1 – March 15)			2.52	1.5
Distillation				
% (v/v) recovered @ 250 °C	% v/v	-	<65	41.5
% (v/v) recovered @ 350 °C	% v/v	95	-	97.4
95% (v/v) recovered	°C	-	350	337.3

ULSD - Road Diesel - ULSD

Seasonality Dates

Grade	Ex Service Station
W Winter Grade	16 November to 15 March
S Summer Grade	16 March to 15 November

Additional Technical Information

	Units	Diesel
Specific Energy	Gross	MJ/kg
	Net	MJ/kg
		46.02
		43.18

Specific Energy calculated using BS2869

'Typicals' are expected qualities based on recent historical production data and should therefore not be considered a guarantee of quality

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