

SULPHUR FREE DIESEL EN590

	Unit	MIN	MAX	Test method	
Appearance		Clear and bright		Visual	
Density at 15°C	kg/m ³	820,0	845,0	EN ISO 3675	
Cetane Cetane number Cetane index		51,0	-	EN ISO 5165	
		46,0	-	EN ISO 4264	
Flash Point	°C	>55	-	EN ISO 2719	
Sulphur	mg/kg	-	10,0	EN ISO 20846	
Ash content	% m/m	-	0,01	EN ISO 6245	
Water content	mg/kg	-	200	EN ISO 12937	
Total contamination	mg/kg	-	24	EN 12662	
Polycyclic aromatic hydrocarbons	%m/m	-	8,0	EN 12916	
Lubricity, corrected wear scar diameter (wsd 1,4) at 60°C	µm	-	460	EN ISO 12156 -1	
Carbon residue (on 10% distillation residue)	% m/m	-	0,30	EN ISO 10370	
Copper strip corrosion – (3 Hrs @ 50°C)	Rating	Class 1		EN ISO 2160	
Fatty Acid Methyl Ester (FAME) content	% V/V	-	7,0	EN 14078	
Oxidation stability	g/m ³	-	25	EN ISO 12205	
Viscosity at 40°C	mm ² /s	2,00	4,50	EN ISO 3104	
CFPP	Winter	°C	-	-15	EN 116 ²
	Summer	°C	-	-5	EN 116 ²
Cloud Point	Winter	°C	-	-5	EN 23015 ²
	Summer	°C	-	+3	EN 23015 ²
Distillation:					
% (V/V) recovered at 250°C	% V/V	-	<65	EN ISO 3405	
% (V/V) recovered at 350°C	% V/V	85	-	EN ISO 3405	
95 (V/V) recovered at	°C	-	360	EN ISO 3405	

Notes:

1. This specification meets or exceeds EN 590: 2009 +A1:2010.

2. The seasonal periods are:-

Deliveries from terminals

Winter period: 16th October to 15th March

Summer period: 16th March to 15th October

Sales from retail pumps

Winter period: 15th November to 15th March

Summer period: 16th March to 15th November

3. FAME if added will meet EN14214

