

DIESEL FUEL - SPECIFICATION EN590 (10PPM) USLD

No	CHARACTERISTICS	Unit	TEST		TEST METHOD	
			RESULT		EN STANDARDS	ASTM STANDA
			Min	Max		
1	Cetane number	no	51,0		EN ISO 5165 EN 1519	D 613
2	Cetane Index	Index	46,0		EN ISO 4264	D 4737
3	Density at 15°C	kg/m ³	820	840	EN ISO 3675 EN ISO 12185	D 4052 D 1298
4	Polycyclic aromatic hydrocarbons	% m/m		11,0	EN 12916	
5	Sulphur content	mg/kg		10	EN ISO 20846 EN ISO 20884	
6	Distillation - Recovered @150 65 °C - Recovered @250 85 °C - Recovered @350 95 °C - Recovered @95	% Vol % Vol % Vol °C	 85,0	 360	 EN ISO 3405;2000	 D86
7	Kinematic viscosity at 40°C	mm ² /s	2,00	4,50	EN ISO 3104	D 445
8	Flash point	°C	55		EN ISO 2719	D93
9	Cold filter plugging point (CFPP): (CFPP) Summer (CFPP) Winter	°C °C	 50,0	 -12	EN 116:1997	
10	Cloud point: Summer (1 April to 30 September) Winter (1 October to 31 March)	cc cc		Report +0	EN23015:1994	D 2500 D 5772
11	Carbon residue (on 10% distillation residue)	% m/m		0,15	EN ISO 10370	D 4530
12	Lubricity, corrected wear scar diameter (corrected WSD 1,4) at 60°C	µm		460	EN ISO 12156-1	
13	Water content	mg/kg		200	EN ISO 12937	
14	Total, contamination (Solid particles)	mg/kg		15	EN 12662	
15	Ash content	% m/m		0,01	EN ISO 6245	D 482
16	Corrosion to copper (3h at 50°C)	Indice		1st Class	EN ISO 2160	D 130
17	Oxidation stability	g/m ³		25	EN ISO 12205	D 2274
18	Oxidation stability (9)	hours	20		EN 15751	
19	FAME Content (10)	%VN		0	EN 14078	
20	Colour	ASTM scale		2,0		D 1500 D6045
21	Aspect			Clear	Visual Inspection	D 4176
22	Biodiesel content	%Vol	4,5	7,0		
23	Electrical Conductivity	% m/m			ISO6297 IP274	D 2624
24	Total, Acidity	MgKOH/g				D9/4-06