

Diesel Fuel

Property	Test Unit	Guarantee	Limit	Test Method
Density at 15 0C	kg/m ³	820,0-845,0		TS 1013 EN ISO 3675 TS EN ISO 12185
Polycyclic aromatic hydrocarbons	%(m/m)	8	Max	TS EN 12916
Flash Point	0C	Higher than 55		TS EN ISO 2719
Cold Filter Plugging Point (CFPP)	0C			TS EN 116
Winter Grade (a)		-15	Max	
Summer Grade (b)		5	Max	
Distillation				TS 1232 EN ISO 3405
Recovered at 250 0C	%(V/V)	65	Max	
Recovered at 350 0C	%(V/V)	85	Min	
95%(vol/vol) recovered at	0C	360	Max	
Sulphur content	mg/kg	10	Max	EN ISO 20846 EN ISO 20884
Manganese content	Mg/L	2	Max	prEN 16576
Carbon Residue (on 10 % residue)	%(m/m)	0,3	Max	TS 6148 EN ISO 10370
Viscosity at 40 0C	mm ² /s	2,000-4,500		TS 1451 EN ISO 3104
Copper Strip Corrosion (3h at 50 0C)	Degree	No.1	Max	TS 2741 EN ISO 2160
Fatty acid methyl ester(FAME)content	%(V/V)	7	Max	TS EN 14078
Ash content	%(m/m)	0,01	Max	TS EN ISO 6245
Cetane number		51	Min	TS 10317 EN ISO 5165
Cetane Index		46	Min	TS EN ISO 4264
Water content	mg/kg	200	Max	TS 6147 EN ISO 12937
Particulate Matter	mg/kg	24	Max	TS EN 12662
Oxidation Stability	g/m ³	25	Max	TS EN ISO 12205
	h	20	Min	TS EN 15751 (c)
Lubricity,corrected (wsd1,4) at 60 0C	µm	460	max	TS EN ISO 12156-1

(a) 1 November-31 March (± 15 days)

(b) 1 April-31 October (±15 days)

(c) This feature is required for diesel fuel containing FAME much than 2%(V/V).