



**DIESEL FUEL
PRODUCT SPECIFICATION**

PROPERTY	TEST UNIT	GUARANTEE	LIMIT	TEST METHOD
Density at 15 °C	kg/m ³			EN ISO 3675 EN ISO 12185
Winter Grade ^(a)		815-845		
Summer Grade ^(b)		820-845		
Polycyclic aromatic hydrocarbons	% (m/m)	8,0	Max.	EN 12916
Flash Point	°C	Above 55,0		EN ISO 2719
Cold Filter Plugging Point (CFPP)	°C			EN 116 EN 16329
Winter Grade ^(a)		-15	Max.	
Summer Grade ^(b)		+5	Max.	
Distillation				EN ISO 3405 EN ISO 3924 EN ISO 17306
Recovered at 250°C	% (V/V)	< 65		
Recovered at 350°C	% (V/V)	85	Min.	
95% (V/V) recovered at	°C	360	Max.	
Sulphur Content	mg/kg	10	Max.	EN ISO 20846 EN ISO 20884 EN ISO 13032
Carbon Residue (On 10% distillation residue)	% (m/m)	0,30	Max.	EN ISO 10370
Viscosity at 40 °C	mm ² /s	2,000- 4,500		EN ISO 3104 ISO 23581
Copper Strip Corrosion (3 h at 50 °C)	Rating	Class 1		EN ISO 2160
Ash content	% (m/m)	0,010	Max.	EN ISO 6245
Cetane Index		46	Min.	EN ISO 4264
Cetane Number		51	Min.	EN ISO 5165 EN 15195 EN 16715 EN 16906 EN 17155
Manganese Content	mg/L	2,0	Max.	EN 16576
Fatty Acid Methyl Ester (FAME) Content	% (V/V)	7,0	Max.	EN 14078
Water Content	%(m/m)	0,020	Max.	EN ISO 12937
Total Contamination	mg/kg	24	Max.	EN 12662
Oxidation Stability	g/m ³ h	25 20	Max. Min.	EN ISO 12205
Oxidation stability for diesel fuel containing FAME above 2,0 % (V/V) ^(c)	H or min	20,0 or 60,0		EN 15751 or EN 16091
Lubricity, wear scar diameter (WSD) at 60 °C	µm	460	Max.	EN ISO 12156-1

(a) Time period other than summer.

(b) April 1st – October 31st (± 15 days)

(c) The oxidation stability requirement using EN ISO 12205 applies to all diesel fuels regardless of FAME content. For diesel fuel containing FAME above 2,0 % (V/V), there is an additional requirement to test oxidation stability using either EN 15751 or EN 16091.