

	OPET SPECIFICATIONS		
	DIESEL		
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**DIESEL FUEL
PRODUCT SPECIFICATION**

PROPERTY	TEST UNIT	GUARANTEE	LIMIT	TEST METHOD
Density at 15 °C	kg/m ³	820-845		TS1013 EN ISO 3675 TS EN ISO 12185
Polycyclic aromatic hydrocarbons	% (m/m)	8,0	Max.	TS EN 12916
Flash Point	°C	<u>Above 55,0</u>		TS EN ISO 2719
Cold Filter Plugging Point (CFPP)	°C			TS EN 116
Winter Grade (a)		-15	Max.	
Summer Grade (b)		+5	Max.	
Distillation				TS EN ISO 3405 TS EN ISO 3924
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.	TS EN ISO 20846 TS EN ISO 20884 TS EN ISO 13032
Carbon Residue (On 10% distillation residue)	% (m/m)	0,30	Max.	TS EN ISO 10370
Viscosity at 40 °C	mm ² /s	2,000- 4,500		TS 1451 EN ISO 3104
Copper Strip Corrosion (3 h at 50 °C)	<u>Rating</u>	<u>Class 1</u>		TS 2741 EN ISO 2160
Ash content	% (m/m)	0,010	Max.	TS EN ISO 6245
Cetane Index		46	Min.	TS EN ISO 4264
Cetane Number		51	Min.	TS EN ISO 5165 TS EN 15195 TS EN 16144 TS EN 16715
Manganese Content	mg/L	2,0	Max.	TS EN 16576
Fatty Acid Methyl Ester (FAME) Content	% (V/V)	7,0	Max.	TS EN 14078
Water Content	%(m/m)	0,020	Max.	TS 6147 EN ISO 12937
Total Contamination	mg/kg	24	Max.	TS EN 12662
Oxidation Stability (c)	g/m ³ h	25 20	Max. Min.	TS EN ISO 12205 EN 15751
Lubricity, <u>wear scar diameter</u> (WSD) at 60 °C	µm	460	Max.	TS EN ISO 12156-1

(a) Time period other than summer.

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

(c) When diesel fuel contains more than 2 % (V/V) FAME, oxidation stability as determined by EN 15751 is the requirement.

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