



## DIESEL PRODUCT FEATURES (TS EN 590)

FEATURES	UNIT	LIMIT VALUES		EXPERIMENT METHOD
		MINIMUM	MAXIMUM	
<b>Density (at 15°C)</b>	kg/m <sup>3</sup>	Summer: 820.0 Winter: 815.0	Summer: 845.0 Winter: 845.0	TS 1013 EN ISO 3675 TS EN ISO 12185
<b>Flash Point</b>	°C	Above 55.0		TS EN ISO 2719
<b>Polycyclic aromatic hydrocarbons</b>	% m/m	-	8.0	TS EN ISO 12916
<b>Cold Filter Plugging Point (CFPP)</b>	°C	-	WINTER: -15 SUMMER : +5	TS EN 116 TS EN 16329
<b>Sulfur Content</b>	mg/kg	-	10.0	TS EN ISO 20846 TS EN ISO 20884 TS EN ISO 13032
<b>Distillation Features</b>				TS EN ISO 3405 TS EN ISO 3924
Attained at 250°C	% v/v	65.0	-	
Attained at 350°C	% v/v	-	85.0	
Temperature at which 95% (v/v) is attained	°C	-	360.0	
<b>Viscosity (at 40°C)</b>	mm <sup>2</sup> /s	2,000	4,500	TS 1451 EN ISO 3104
<b>Copper Strip Corrosion (3 hours at 50 °C)</b>	Degree	-	1	TS 2741 EN ISO 2160
<b>Ash Content</b>	% m/m	-	0.010	TS EN ISO 6245
<b>Water Content</b>	% m/m	-	0.020	TS 6147 EN ISO 12937
<b>Carbon Residue (at 10% distillation residue)</b>	% m/m	-	0.30	TS EN ISO 10370
<b>Manganese Content</b>	mg/L	-	2.0	TS EN 16576
<b>Fatty Acid Methyl Esther (YAME) Content</b>	% v/v	-	7.0	TS EN 14078
<b>Number of Cetane</b>		51.0	-	TS 10317 EN ISO 5165 TS EN 15195 TS EN 16144 TS EN 16715
<b>Index of Cetane</b>		46.0	-	TS EN ISO 4264
<b>Lubricity, wear scar diameter (WSD), at 60 °C</b>	µm	-	460	TS EN ISO 12156-1
<b>Total Contamination</b>	mg/kg	-	24	TS EN 12662
<b>Oxidation Stability</b>	g/m <sup>3</sup>	-	25	TS EN ISO 12205
	h	20	-	TS EN 15751

WINTER: 1 NOVEMBER – 31 MARCH (±2 WEEKS)

SUMMER: 1 APRIL – 31 OCTOBER (±2 WEEKS)

When diesel fuel contains YAME above 2% (V/V), the oxidation stability value determined according to EN 15751 must be taken into account.



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