SPECIFICATION OF DIESEL OIL EN590 10PPM

COMPONENT	METHOD OF ANALYSIS	UNIT	RESULT	
			Min.	Max.
Aspect Color	Visual inspection ASTM D 1500		Clear 2,0	
Density @ 15°	EN ISO 3675:98 / EN ISO 12185:96 / C1:2001	Kg/m3	820,0	845,0
Flash Point	EN ISO 2719:2002	C°	55(1)	
Distillation: - Recovered @ 150 °C - Recovered @ 250 °C - Recovered @ 350 °C - Recovered at 95%	EN ISO 3405:2000	 % vol % vol % vol °C	 85,0(2)	 2,0 65,0(2) 360,0
C.F.P.P. (summer) (3) C.F.P.P. (winter) (3)	EN 116:1997	°C °C	 50,0	-2 -12
CLOUD Point (summer) CLOUD Point (winter)	EN 23015:1994	°C °C	0	0
Cetane number Cetane index	EN ISO 5165:1998 EN ISO 4264:1996	n° Index	51,0 46,0	
Viscosity @ 40 °C	EN ISO 3104:1996	mm2/s	2,00	4,50
Water content Total contamination	EN ISO 12937:2000 EN ISO 12662:2002	mg/kg mg/kg		200 15
Sulfur content	EN ISO 20884:2004	mg/kg		10,0
Copper strip corrosion (3 hr at 50 °C)	EN ISO 2160: 1998	Indice	1st Class	
Carbon residue	EN ISO 10370:1995	% weight		0,15
Total acidity Ash content Lubricity, correct wear scar Oxidation stability	ASTM D 974:2002 EN ISO 6245:2002 EN ISO 12156-1:2000 EN ISO 12205:1996	mgKOH/g % weight Mm g/m3	 20	0,3 0,01 460
Electrical conductivity (4)	IP 274; ASTM 2624; ISO 6297	pS/m	50	
Polyciclic aromatic hydrocarbons	EN 12916:2001	%m/m		11,0(6)
Biodiesel content (5)	EN 14078:2003	% vol	4,5	7,0