

APPENDIX I
Diesel Fuel Oil EN590 SPECIFICATIONS
(Guaranteed Quality) to be delivered under this agreement

COMPONENT	METHODS OF ANALYSIS	UNIT	RESULT	
			MIN.	MAX.
WATER AND SEDIMENT	EN ISO 12937	MG/KG	0.05	200
KINEMATIC VISCOSITY	ASTM D445	cST@40C	1.3	4.1
FLASH POINT	EN ISO 2719	C°	>55	
ASH	EN ISO 6245	%M/M		0.010
LUBRICATING POWER, AVERAGE WEAR DIAMETER (WWSD 1,4) AT 60°	EN ISO 12156-1	M		REPORT 460
CETANE NUMBER	EN ISO 5165- EN 15195- EN 16144		51.0	
DISTILLATION	EN ISO 3405-EN ISO	%V/V		
RECOVERED AT 250° C RECOVERED AT 350° C 95% POINT	3924	%V/V C°	85	<65 360
CETANE INDEX	EN ISO 4264		46.0	
POLYCYCLIC AROMATIC HYDROCARBONS	EN ISO 12916	%M/M		8
VISCOSITY AT 40°	EN ISO 3104	MM2/s	2.000	4.500
FOG POINT (SUMMER) FOG POINT (WINTER)	EN ISO 23015	C° C°	REPORT 0	
SUMMER CFPP CFPP WINTER	EN ISO 116- EN 16329	C°	0 -10	
OXIDATION STABILITY ACID NUMBER	EN ISO 12205 EN 15751	G/M3 H	20	25
TOTAL SULFUR	EN ISO 20846- EN ISO 20884- ENISO 13032	MG/KG		10
CORROSION ON COPPER FOIL (3H AT 50° C)	EN ISO 2160	INDICE	CLASS 1	
RESIDUOCARBONIOSO	EN ISO 10370	%M/M		0.30
ALKALINE METALS (MG+CA)	EN 14108	PPM		Nd
BLEND FRACTION	EN 14078	Vol. %2	1000	+/-2%
DENSITY	EN ISO 3675-EN ISO 12185	KG/M3	820.0	845.0
CONTENT OF F.A.M.E.	EN 14078	%v/v		7.0
MANGANESE CONTENT	PR EN 16576	MG/l		2.0

PAST SGS STRICTLY FOR REFERENCE ONLY