



Seven Hills International Limited

Specification Sheet – SHIL CEC RF 06 03 Diesel Fuel (Euro 4 Diesel)

Specification Sheet				
SHIL CEC RF 06 99 Diesel Fuel		Issue # 1		DOI - 16/07/2010
Property	Minimum	Maximum	Units	Methods
Physical Data				
Density 15 °C	833	837	Kg/ M3	EN ISO 3675-98
Viscosity 40 °C	2.3	3.3	mm2 /s	EN-ISO 3104
Distillation				
50 % Vol	245		°C	EN-ISO 3405
95 % Vol	345	350	°C	EN-ISO 3405
FBP		370	°C	EN-ISO 3405
Cetane Number				
Cetane index	50		Index	ISO 4264
Cetane number	52	54	Index	ISO 5165-98
Flashpoint	55		°C	EN 22719
Composition				
Poly-aromatics	3.0	6.0	%m/m	EN12916
Cold Behaviour				
Cold Filter Plugging Point (CFPP)		-5	°C	EN 116, NF M 07042
Combustion				
Net Heat of combustion		Report	MJ / kg	ASTM D 3338
%C, %H / %O		Report	% mass	ASTM D 5291 / ASTM D 5622
Other Data				
Sulfur content		10	mg/kg	ASTM D 5453
Oxidation stability		0.025	mg/ml	ISO 12205
Copper Strip Corrosion at 50 °C		1	merit	ISO 2160
Conradson Carbon Residue on 10% Dist.Residue		0.20	% m/m	ISO 10370
Ash content		0.01	% m/m	ISO 6245
Neutralisation Number		0.02	Mg KOH / g	ASTM D 974
Fatty Acid Methyl Ester		None	% Vol	
Water content		0.02	% m/m	EN ISO 12937
HFRR 60 °C		400	µm	CEC F-06-A-96
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Fuel Manufactured by				