

CERTIFICATE OF QUALITY SOT08-01611.001

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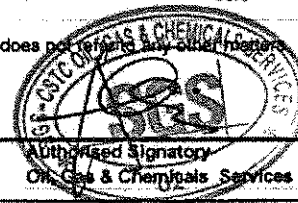
Client	Jinan Youbang Hengyu Science and Technology Development Co., LTD.	Date Sampled	
Order Number	OGCCJ080483	Date Received	26/06/2008
Sample	Plastic Derived Fuel Oil	Date Tested	30/06/2008
Containers	1x4000mL plastic bottle	Date Reported	02/07/2008
Sample No	SOT08-01611.001		
Client Sample Id.			

Sample Details	Sample Type	Source	Sent by client
	For information		

The above sample was tested and the following results have been obtained:

Analysis	Unit	Method	Min	Max	Results
Color (ASTM)		ASTM D1500-04a	--	--	6.0
Oxidation Stability	mg/100mL	ASTM D2274-03a	--	--	50.3
Sulfur	%(m/m)	ASTM D2622-08	--	--	0.106
Total Acid Number	mg/100mL	ASTM D664-07	--	--	6.2
Micro Carbon Residue on 10% distillation residue	%(m/m)	ASTM D4530-06e1	--	--	0.4
Heat of Combustion Gross	MJ/kg	ASTM D240-02(2007)	--	--	44.655
Ash	%(m/m)	ASTM D482-03	--	--	<0.001
Copper Corrosion 3h@50°C		ASTM D130-04e1	--	--	3a
Water	mg/kg	ASTM D6304-07	--	--	147
Water and Sediment	%(V/V)	ASTM D2709-96(2006)	--	--	0.025
Sediment by Extraction	%(m/m)	ASTM D473-07	--	--	0
Viscosity		ASTM D445-08	--	--	--
Kinematic Viscosity @20°C	mm ² /s		--	--	2.125
Kinematic Viscosity @40°C	mm ² /s		--	--	1.511
Kinematic Viscosity @50°C	mm ² /s		--	--	1.306
Solidification point	°C	GB/T 510-83(1991)	--	--	-67
Pour Point	°C	ASTM D97-06	--	--	-66
CFPP	°C	ASTM D6371-05	--	--	-49
Flash Point	°C	ASTM D93-07	--	--	<40
Distillation		ASTM D86-07b	--	--	--
10% V/V recovery	°C		--	--	151.6
50% V/V recovery	°C		--	--	243.1
90% V/V recovery	°C		--	--	291.8
95% V/V recovery	°C		--	--	306.9
Density @15°C	kg/m ³	ASTM D4052-96(2002)e1	--	--	857.8
Density @20°C	kg/m ³	ASTM D4052-96(2002)e1	--	--	854.2
V	mg/kg	IP 501-05	--	--	<1
Cetane Index		ASTM D4737-04	--	--	35.6

The above reflects our findings at time, date and place of above mentioned only and does not refer to any other matters.



1) Precision parameters apply in the determination of the above results. Also refer to ASTM D3244, IP 367 & Appendix E of IP Standard Methods for Analysis & Testing, for utilization of test data to determine conformance with specifications.
2) This report shall not be reproduced, except in full, without written approval of the laboratory.