



# CERTIFICATE OF QUALITY

**SOT07-02302.001**

Order Number: OGCSH075605  
Sample: Fuel Oil  
Containers: 4 × 500mL plastic bottles  
Sample No.: SOT07-02302.001  
Date Received: 09/11/2007  
Date Tested: 14/11/2007  
Date Reported: 16/11/2007

Sample: Details  
Sample Type: For information  
Source: Sent by Client

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

Analysis	Unit	Method	Results
Sulfur	%(m/m)	ASTM D2622-07	0.395
Sediment by Extraction	%(m/m)	ASTM D473-07	<0.01
Micro Carbon Residue	%(m/m)	ASTM D4530-06	0.28
Heat of Combustion Gross	MJ/kg	ASTM D240-02 (2007)	44.015
Element		IP 501-05	
V	mg/kg		< 1
Na	mg/kg		2
Kinematic Viscosity @ 40°C	mm <sup>2</sup> /s	ASTM D445-06	1.898
Water	%(V/m)	ASTM D95-05e1	<0.05*
Flash Point	°C	ASTM D93-07	<40
Density @ 15°C	g/cm <sup>3</sup>	ASTM D1298-99 (2005)	0.8838
Pour Point	°C	ASTM D97-06	-21
Ash	%(m/m)	ASTM D482-03	0.002

Remark: \* Visible free water on the bottom of the bottle and can not be mixed well.  
The above reflects our findings at time, date and place of above mentioned only and does not refer to any other matters.



# CERTIFICATE OF QUALITY

**SOT07-02449.001**

Order Number: OGCSH075605  
Sample: Carbon Black  
Containers: 1 × 1000g plastic bag  
Sample No.: SOT07-02449.001  
Date Received: 12/11/2007  
Date Tested: 13/11/2007  
Date Reported: 29/11/2007

Sample: Details  
Sample Type: For information  
Source: Sent by Client

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

Analysis	Unit	Results
Lodine Absorption Number	mg/g	55
Heat Loss	%	0.50
PH Value (1% Solution)		7.50
PH Value (5% Solution)		8.06
Sulphur Condition (145Deg)	min	10 30
Elongation at break	%	667 637
Tensile Strength	MPa	24.1 22.9
300% Modulus	MPa	5.63 6.23

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