Intertek Caleb Brett

230 Crescent Avenue
Chelsea, Ma.

Report of Analysis

NO. 6 FUEL OIL/BUNKER FUEL

Lab Reference	99950789	Classification	Tk 6
Vessel/Barge	Penn 120	Grade	No. 6 Fuel Oil
Client	Sprague Energy	Terminal	Sprague-Providence, RI
Date on Sample	12.24.2005	Sampled by	DC
Date Tested	12.27.2005	Tested by	RG
Allocations	N/A	Lab Overtime	Yes

Tests	Method	Results	Unit of Measure
API Gravity @ 60°F	D-4052	10.6	API
Flash Point, PMCC	D-93B	213	Degrees F
Pour Point/Upper	D-97	3/37	Degrees C/F
Sulfur Content	D-4294	0.911	Weight %
S&W Content	D-1796	0.20	Volume %
Viscosity	D-445	353.1	cSt
Viscosity @ 122F	D-2161	166.6	SFS
Ash Content	D-482	0.084	Weight %
Heat of Combustion	D-240	18,313	Btu/lb
Gravity	Table 8	8.293	lb./gal
Heat of Combustion	D-240	151,870	Btu/Gal.
Nitrogen	D-5762	0.40	Weight %
Vanadium	D5863B	39	Ppm
Sodium	D5863B	20	Ppm
Water by Distillation	D-95	0.15	Volume %
Sediment by Extraction	D-473	0.04	Weight %
Asphaltenes	IP-143/D-3279	3.2	Weight %
Conradson Carbon Residue	D-189	10.6	Weight %

Approved: Rafael Garcia

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