

COASTAL FUELS MARKETING, INC
PORT MANATEE, FL

12/21/05
14:22:18

Calculated
BLEND

LAB
DATE TESTED
TANK
PRODUCT
VOLUME
BLEND %

006060
100.0
100.0

	Test Method	UNITS	
SPECIFIC GRAVITY		60/60 F	0.9238
API GRAVITY	D-4052	60 F	21.68
FLASH POINT	D-93	DEG F	157
VISCOSITY (@122 F)	D-445	SFS	11.4
	D-445	cSt	21.6
POUR POINT	D-97	DEG F	23
SULFUR	D-4294	% WT.	0.557
WATER BY DISTILLATION	D-95	% VOL.	0.17
SEDIMENT BY HOT FILTRATION	IP 390A	% WT.	0.030
GROSS HEAT OF COMBUSTION	D-240	BTU/GAL.	145740
ASH (sample, g)	D482	% WT.	0.045
ASPHALTINES	IP-143	% WT.	4.76
CARBON RESIDUE	D-4530	% WT.	4.88
NITROGEN	D-5762	% WT.	0.194
VANADIUM	D-5863A	ppm	67.8
SODIUM	D-5863B	ppm	8.0
ALUMINUM	D-5184	ppm	7.4
SILICON	D-5184	ppm	9.7

LABORATORY WORKSHEET

0.2 FUEL

LAB NUMBER: 00111

LAB DATE: 01/16/01

PRODUCT : LOW SULFUR DIESEL
MARKED : SYK. 9 AFTER DELPHINA
LOCATION : CAPE CANAVERAL , FL

JOB NO: FE-8093
SAMPLING DATE: 01/16/01

TERMINAL : COASTAL FUELS

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CUSTOMER SPECS: *Handwritten signature and date*

[RE]	[TEST_ID / TEST DESCRIPTION]	[ASTM]	[BY]	[RESULTS]
	00125 GRAVITY, API AT 60 F	D-1298	RPA	37.9
	00126 GRAVITY, SPECIFIC	D-1298	RPA	0.8353
	00118 FLASH PT., PENSKY MARTENS, DEG F	D-93	RPA	164
	00515 VISCOSITY, KINEMATIC @ 100 DEG F	D-445	RPA	2.809
	00269 WATER & SEDIMENT (B&W), VOL PCT	D-2709	RPA	0.005
	00054 CETANE INDEX (CALC.)	D-976	RPA	52.1
	00084 DISTILLATION, IBP, DEG F	D-86	RPA	359
	00086 RCVD, 10 PCT, DEG F		RPA	418
	00091 RCVD, 50 PCT, DEG F		RPA	512
	00096 RCVD, 90 PCT, DEG F		RPA	594
	00099 END POINT, DEG F		RPA	654
	00100 RECOVERY, VOL PCT		RPA	99.0
	00101 RESIDUE, VOL PCT		RPA	1.0
	00102 LOSS, VOL PCT		RPA	0.0
000	000000 SULFUR, X-RAY, WT PCT	D-4294	RPA	0.043

1344/gal, Mues

D-24.0

139517