

FY 2006

***ANNUAL REPORT ON THE
QUALITY OF
KEROSENE AND MOTOR
FUEL IN TENNESSEE***



**IN FULFILLMENT OF THE REQUIREMENTS OF
TCA 47-18-1304**

SUBMITTED BY THE

TENNESSEE DEPARTMENT OF AGRICULTURE



TENNESSEE DEPARTMENT OF AGRICULTURE

**Ken Givens
COMMISSIONER**

REGULATORY SERVICES

**ANNUAL REPORT ON THE QUALITY OF
KEROSENE AND MOTOR FUEL IN TENNESSEE**

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Tennessee Department of Agriculture Product Violation Analysis Report

PULL DATE ranges from 7/1/2005 TO 6/30/2006

Today: 05/10/2007

<i>Prod</i>	<i>Grade</i>	<i>Total Samples</i>	<i>Samples in Violation</i>	<i>%</i>	<i>Test Violation Total</i>	<i>Total Volume (Gals)</i>	<i>Total in Violation</i>
Biodiesel	BDBS	26	15	57.69	48	99,762.00	70,880
Subtotal:		26	15	57.69	48	99,762.00	70,880

Test Violation Detail Listing

7	Flash Point	16.67%
1	Sediment & Water	2.38%
10	Distillation	23.81%
1	Cetane Number	2.38%
17	Glycerine	40.48%
2	Sulfated Ash	4.76%
4	Carbon Residue	9.52%

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Biodiesel Blend							
	B10LS	1	1	100.00	1	65,000.00	65,000
	B5-20	3	0	0.00	0	38,986.00	0
Subtotal:		4	1	25.00	1	103,986.00	65,000

Test Violation Detail Listing

1	Flash Point	100.00%
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Diesel	1D	1	0	0.00	0	3,212.00	0
	2D	138	6	4.35	6	13,012,098.00	23,904
	2D LS	1,627	64	3.93	65	102,863,238.40	746,562
Subtotal:		1,766	70	3.96	71	115,878,548.40	770,466

Test Violation Detail Listing

65	Flash Point	91.55%
3	Sediment & Water	4.23%
1	Sulfur	1.41%
1	Cetane Index	1.41%
1	Cetane Number	1.41%

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Gasoline							
	MG	1,693	26	1.54	33	5,531,847.30	66,153
	PU	2,002	50	2.50	52	45,145,710.20	2,733,670
	RU	1,752	11	0.63	14	110,295,680.80	1,167,151
Subtotal:		5,447	87	1.60	99	160,973,238.30	3,966,974

Test Violation Detail Listing

53	Octane	54.08%
8	Oxygenates	8.16%
13	Vapor Pressure	13.27%
12	Workmanship (Appearance)	12.24%
12	Distillation	12.24%

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Jet Fuel	JA	36	0	0.00	0	3,948,022.80	0
Subtotal:		36	0	0.00	0	3,948,022.80	0

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Kerosene	1K	443	28	6.32	30	2,169,445.00	23,529
Subtotal:		443	28	6.32	30	2,169,445.00	23,529

Test Violation Detail Listing

1	Flash Point	3.33%
24	Saybolt Color	80.00%
5	Sediment & Water	16.67%

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Liquid Propane Gas	SD	2	0	0.00	0	900.00	0
Subtotal:		2	0	0.00	0	900.00	0