

3/24/05

Storing Allan  
www.pureenergy systems.com

# Acetone Test

(I had Unleaded Reg in tank)

62.8°F

11:52

Start 11:54 am

189527.0 Fuel 11:56 to mix gas Trip od: = 0.0 mile

63.9°F

11:59 am

70.4 mph

speed control +/- 2 mph  
Speed Limit 75 mph

58.8°F 12:00

> 12:02 Santa Ana slowed to 60 mph

12:03 returned to 70 gradually

53.1°F

12:05

sprinkly 12:05 past Santa Ana

50.9°F

12:06

50.4°F

12:08

sun carry out sprinkly slowed

51.3°F

12:10

> 12:13 p slowed to 64 mph

12:14

returned to 70 mph

50.9°F

12:16

> 12:18 p slowed to 66

back to 71

50.0°F

12:21 p

sunny at ~ 50 miles

49.5°F

12:25

cloudy

\* 12:28 p Lights on

47.3°F

12:29

sprinkly/rainy/snow

\* Wind shield wipers 12:30 p

46.2°F

12:30

44.8°F

12:31

44.1°F

12:31

43.0°F

12:32

43.7

12:36

mile 206

\* 42.6 12:38 Wind shield wipers off

43.3

12:39

wiper on

\* Slowing 12:41

34 min. lights off

(2)

132 Tank sent

3.502/10gal

Net 4.6202

# Accident at freeway

12:42 turned around - not exit  
Just after the Yuba Lake exit

44.6°F 12:44

12:46 wipers off 43.3°F

42.6 12:49

12:52 41.9°F windshield on

12:55 40.8°F

12:57 41.5°F off windshield

12:59 42.3°F W on

1:01 41.5 - mlt 221

1:03 42.3°F W off

1:09 45.8°F

1:15 48.6°F

1:22 50.9°F Sunny ~ 8 mi

1:24 51.8°F

1:26 50.0°F

Wipers 24 min

exit 1:30.3 mi

100.6 mile  
189627.6

1:28 pm Sunny

lights off  
off

33.39 mpg

Octane 88 Unleaded Plus

3.013 gal

## Trips 2

11 min  
1.943

1:31 start  
1:33 onto freeway  
1:34 57.1°F

70.2 mph

1:36

70.2 mph

53.2°F

1:42

51.8°F

Light + wipers on

1:43

W off 50.4°F

1:47

52.7°F

1:51

51.3°F

Sunny

1:53

50.9

2:00

50.8

2:02

49.8

Lights off

14 min  
1.943

UTah Highway Patrol  
 Number 801 374-7030  
 landing 2 helicopters

(3)

2:05 v 48.9 °F Sunny 213 miles  
 2:08 49.1  
 2:13 u 49.8 sunny overcast

2:15 v Yuba Lake Exit 202  
 148.4 miles 2:15 u stop  
 148.6 2:16 start back  
 50.4 °F 2:16 Lights on  
 49.1 °F 2:19  
 48.7 °F 2:22 Lights off (for 8 min to  
 48.4 °F 2:27 match trail)

~~34 mi~~ 2:36 Lights on lights off  
 50.5 °F Sunny  
 50.5 2:39  
 2:40 Brights (for 6 min) ✓  
 51.4 2:43  
 51.4 °F 2:46 Brights off  
 (lights still on)

50.5 °F 2:48 W on  
 49.3 °F 2:50 W off  
 47.1 °F 2:52 W on  
~~44.9~~ 45.9 2:53 Brights on  
 [to compensate for copper diff]

49.8 °F 2:55 W off  
 45.0 2:56 W on  
 45.1 2:57 W off  
 " 2:58 exit 254  
 45.7 2:59

196.2 miles  
 (95.6 miles)

Lights off

(4)

29.4%

Run 3

3:10 start Fueltr. measure  
 3:21 196.2 2.817 gal  
 189723.2 ∴ 33.58 mph  
 3:23 sh. light & ramp

53.9°F  
 (3:24) Start trip Lighter + Water On  
 196.5 mile

more power  
 3:25 50.9°F  
 46.7°F 70.4 mph 3:27

> 3:29 slowed to 65 mph Santayana  
 ~3:30 back to 70

3:32 defroster on (plug-in)  
 39.6°F 3:33 Snow/rain hand  
 3:34 39.2°F heat/snow/rain

38.8°F 3:35  
 37.9°F 3:37 ~~stopped for road~~

37.7°F 3:38 past hand  
 3:39 39.7°F turned off defroster  
 3:41 41.0°F W off

3:42 lights off  
 3:45 40.8 L+W on  
 3:46 40.5°F snow/rain  
 3:48 40.6°F L+W off

3:51 W. on 41.7  
 3:53 slowed to 60  
 back to 70  
 3:54 41.9°F W off

defroster  
6 min

17  
26 min  
1:24

24

$\frac{2.8}{10} \times 3.5 = 0.98$  oz acetone

(5)

4:00 42.1 F W on  
4:03 43.0 W off Sunny - 5 mi  
4:06 44.6  
Yuba Lake east 202  
4:06

244.0

189 271.0

4:07 244.2 mi found back  
Channel 5

4:08 70 mph 44.8 F

4:16 44.9 45.9 F (35 mi (high))

4:21 44.8 F

4:31 45.7 F lights on

4:35 44.2 F W on + off ~ 30 mi

Cars went off road from heat Sunny

4:37

lights on Bright (sun to beam)

4:43

Brights off (2 mi to beam)

4:44 44.2

lights off

4:45

W on ; lights on

4:46

W off

4:47 43.7 F

brights on (to beam last 2 mi)

✓ Electronics Balanced 1/2 min.

4:49

Ex 254

Sunny intersection

4:51

291.7

Arrived

199 218.7

95.5 miles on

2.886 gal

33.09 mpg

⑥

guessed ~ 102 Acetone

Trip 4

second w/ acetone

Start 4:55 47.3 F  
 (4:58) ramp accelerating (L-w off)  
 4:59 70.3 mph  
 5:01 46.2 F  
 5:03 turn to 65 mph Santa Ana  
 5:04 back to 70 Wilson Van  
 45.3 F 5:06 W off  
 44.2 F 5:15 W+L on  
 44.2 F 5:18 W+L off  
 5:20 ~~45.1~~ Sunny  
 45.7 F 5:23 overcast  
 5:30 45.7 F Lights on  
 [35 min off]  
 5:38 45.3 F  
 Yuba Lake  
 5:39 stop 339.6  
 5:40 46.0 F 339.7 return  
 5:50 45.3 F Sunny  
 5:51 Brights on, to burn  
 5:54 45.0 F W on  
 5:55 W off  
 5:56 43.7 Brights on  
 6:01 43.5  
 6:06 43.9  
 6:15 42.6 Brights off (1 min left  
 to burn)  
 6:21 42.8 F

(ew)

6:22 Payson Ext 254

6:23 43.9 F

95.6 mi

189914.3

lights off  
387.3

2883  
133.1

656827

⑦

### Conclusions.

- 1) 33.39 99.4%
- 2) 33.58 98.5%  $\Delta 1.5\% \downarrow$   $\Delta 0.6\% \uparrow$  ave 33.49 98.9%
- 3) 33.09 99.8%
- 4) 33.16 avg  $\Delta 0.2\% \uparrow$  ave 33.13

Acetone : 55.79 32 oz  
 Funnel : 1.79