Fluid Trend Analysis
06/08/2007

WESTERN STATES CAT

208-888-2287
westernstates.cat.com

500 E. Overland Road
Meridian, Idaho 83642

Reportable
REPRINT

Customer Unit ID	Make	Model	Serial	Compartment
PRIUS	TOYOTA	PRIUS		Gasoline Engine

Oil Sample Information						Miscellaneous				Infrared Analysis				Prior Interpretation Codes								
Control #	Date Taken	Fluid Status	Fluid Add	SMR	Fluid Run Time	A/F	Fuel	H2O	Viscosity 40C	Soot	Oxi	Nit	Sul									
E-																						
D-																						
C-																						
B- 07620070214	02/10/2007	Sampled	0.0	40000	1000		Y	N	20.0	28	20	62	20	044	430							
A- 06720070605	**05/29/2007**	**Changed**	**0.0**	**49000**	**4950**	**N**	**Y**	**N**	**10.0**					Fluid: **PENZOIL**								

Filter Changed ^

Wear Metals (Parts per Million)

	Lead	Copper	Iron	Chrome	Aluminu	Silicon	Tin	Sodium	Potasum	Moly	Nickel	Silver	Barium	Calcium	Magnesm	Phospor	Zinc
E-																	
D-																	
C-																	
B-	1	1	2	1	1	1	1	4	8	102	1	1	1	1050	3	402	470
A-	**1**	**13**	**41**	**1**	**4**	**8**	**1**	**203**	**5**	**116**	**2**	**1**	**1**	**2610**	**173**	**1100**	**1310**

Overall Status

E-
D-
C-
B- **Reportable**
A- **Reportable**

Custom Tests >>>>

E-
D-
C-
B-
A-

Current Sample Interpretation — Current Sample is Line "A"

Sample shows fuel dilution and low viscosity
Find Source Of Fuel Entry
High sodium only could be a coolant leak such as a
Head gasket leaking, broken or cracked head
If You Have Already Changed Oil, Resample In 3000 Miles.
To Confirm Sample Levels And Develop A Trend.

S·O·S℠

Send Analysis To:

DAVID McKINSTRY
1805 5th
Cheney, WA 99004

Comments

E-
D-
C-
B-
A-

Thank You for Choosing Western States Equipment

This analysis is intended as an aid in predicting mechanical wear.
No guarantee, expressed or implied, is made against failure of this component.

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