BLACKSTONE LABORATORIES

OIL REPORT

[redacted]

UNIT

MAKE/MODEL: Toyota 3.5L V-6 (2GR-FSE)
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: 2007 Lexus

OIL TYPE & GRADE: Valvoline Synpower 5W/20
OIL USE INTERVAL: 8,486 Miles

CLIENT

[redacted]

COMMENTS

KEVIN: Not only do we think going 10,000 miles on your next oil would be okay, but we also think you can do it on conventional oil, if you're interested. Wear looks great here and the longer oil run shouldn't be an issue. You can see that iron increased but that was expected, as iron is the one wear metal that tracks with miles on the oil (more miles=more iron). As long as all other wear reads normally, which it does, we don't get too worried about high iron. The oil itself was in good shape physically and sodium dropped, so we doubt it was from coolant. Nice report here.

ELEMENTS IN PARTS PER MILLION

			UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Oil	8,486		6,255	5,121	5,041		
	MI/HR on Unit	30,146		21,660	10,162	5,041		
	Sample Date	07/19/09		12/07/08	01/23/08	08/01/07		
	Make Up Oil Added	0 qts						
	ALUMINUM	2	3	2	3	5		3
	CHROMIUM	0	0	0	0	0		0
	IRON	16	15	9	11	22		11
	COPPER	3	35	4	29	**105**		13
	LEAD	0	1	0	0	2		3
	TIN	2	1	0	0	0		0
	MOLYBDENUM	5	62	21	154	66		78
	NICKEL	2	2	1	1	2		0
	MANGANESE	0	1	0	0	2		0
	SILVER	0	0	0	0	0		0
	TITANIUM	0	0	0	0	0		0
	POTASSIUM	2	2	3	0	1		2
	BORON	6	11	9	23	6		46
	SILICON	14	85	13	**67**	**247**		20
	SODIUM	35	28	**71**	2	4		40
	CALCIUM	2267	1954	2106	1896	1548		2239
	MAGNESIUM	28	13	13	6	6		33
	PHOSPHORUS	557	568	552	618	543		642
	ZINC	718	724	660	845	674		781
	BARIUM	0	3	0	2	9		0

PROPERTIES

		Values Should Be*				
SUS Viscosity @ 210°F	51.2	46-59	53.6	**52.7**	54.0	
cSt Viscosity @ 100°C	7.63	6.0-10.2	8.37	**8.10**	8.49	
Flashpoint in °F	380	>355	395	390	**360**	
Fuel %	<0.5	<2.0	<0.5	<0.5	TR	
Antifreeze %	0.0	0.0	?	0.0	0.0	
Water %	0.0	<0.1	0.0	0.0	0.0	
Insolubles %	0.3	<0.6	0.3	0.3	0.2	
TBN						
TAN						
ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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