



OIL REPORT

LAB NUMBER: D65464
 REPORT DATE: 2/3/2009
 CODE: 20/286

UNIT ID: LS400
 CLIENT ID: [REDACTED]
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Toyota 4.0L V-8 (1UZFE)	OIL TYPE & GRADE: Pennzoil 10W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,161 Miles
	ADDITIONAL INFO: 1991	

CLIENT	JEFFREY [REDACTED]	PHONE: [REDACTED]
	[REDACTED]	FAX:
	[REDACTED]	ALT PHONE:
	[REDACTED]	EMAIL: [REDACTED]

COMMENTS JEFFREY: Wear looks good in the first sample from your Lexus. Universal averages for the 4.0L are based on an oil run of ~5,000 miles. Insolubles (oil oxidation due to heat, use, and blow-by) were low at 0.3% so your oil filter seems to be getting the job done. The viscosity of the oil was a little low for a 10W/30 and read in the 5W/30 range. The TBN read 2.6 so you still had some active additive left in this fill. 1.0 is low. At 212,925 total miles, it looks like your engine is doing fine and running your oil longer shouldn't be a problem. Try going to 7,000 miles next time.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,161	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	212,925						
	Sample Date	01/19/09						
	Make Up Oil Added	0 qts						
ALUMINUM	2	2					2	
CHROMIUM	0	0					0	
IRON	5	5					6	
COPPER	2	2					3	
LEAD	1	1					2	
TIN	1	1					1	
MOLYBDENUM	12	12					56	
NICKEL	1	1					0	
MANGANESE	0	0					0	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	2	2					1	
BORON	93	93					69	
SILICON	9	9					12	
SODIUM	18	18					7	
CALCIUM	1677	1677					2245	
MAGNESIUM	10	10					33	
PHOSPHORUS	576	576					727	
ZINC	695	695					864	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	56.4	59-68				
	cSt Viscosity @ 100°C	9.17	9.9-12.7				
	Flashpoint in °F	410	>365				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0				
	Water %	0.0	<0.1				
	Insolubles %	0.3	<0.6				
	TBN	2.6					
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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