



OIL REPORT

LAB NUMBER: G38702

UNIT ID: 99 4RUNNER

REPORT DATE: 10/14/2014

CLIENT ID: 40716

CODE: 63/75

PAYMENT: CC: Visa

UNIT

MAKE/MODEL: Toyota 3.4L V-6 (5VZ-FE)
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: 5W/30
OIL USE INTERVAL: Miles

CLIENT

COMMENTS

[]: Yes, it looks like the last guy was using a 5W/30 oil. Maybe a Valvoline or Castrol brand, but that doesn't matter too much. It was working well, whatever it was. Wear metals look good in this sample compared to universal averages, which show typical wear for this type of engine after about 5,800 miles on the oil. We're not sure of the use interval here, but wear metals are all in the average range, so we'd guess this interval was 6,000 miles or less. No contamination was found. You should be fine with about 5,000-6,000 miles on the next oil.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	176,330							
	Sample Date	09/27/14							
	Make Up Oil Added								
	ALUMINUM	2		2					
	CHROMIUM	0		0					
	IRON	4		4					
	COPPER	4		4					
	LEAD	0		0					
	TIN	0		0					
	MOLYBDENUM	18		18					
	NICKEL	1		1					
	MANGANESE	0		0					
	SILVER	0		0					
	TITANIUM	1		1					
	POTASSIUM	2		2					
	BORON	7		7					
	SILICON	7		7					
	SODIUM	219		219					
	CALCIUM	1826		1826					
	MAGNESIUM	9		9					
	PHOSPHORUS	546		546					
	ZINC	620		620					
	BARIUM	0		0					

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	57.0	54-61					
	cSt Viscosity @ 100°C	9.35	8.5-10.8					
	Flashpoint in °F	385	>365					
	Fuel %	<0.5	<2.0					
	Antifreeze %	0.0	0					
	Water %	0.0	0.0					
	Insolubles %	0.3	<0.6					
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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