



OIL REPORT

LAB NUMBER: G79737

UNIT ID: 08 LS460

REPORT DATE: 5/28/2015

CLIENT ID: 14828

CODE: 22/284

PAYMENT: CC: MC

UNIT	MAKE/MODEL: Toyota 4.6L V-8 (1UR-FE)	OIL TYPE & GRADE: Toyota 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 6,000 Miles
	ADDITIONAL INFO:	

CLIENT	CHRIS GRANGEAUD	PHONE: (604) 847-0483
	5965 GLENDALE DR	FAX:
	CHILLIWACK, BC V2R 3A5	ALT PHONE: (604) 799-5101
	CANADA	EMAIL: chris62@shaw.ca

COMMENTS CHRIS: Did you ever find out where the oil was going in your engine? It looks like you added one less quart during this run, which makes the reductions in wear even more impressive. Aluminum and iron are both lower after a similar oil run, so there are no signs that the oil consumption is due to a mechanical issue like a ring problem in your engine. The higher sodium we found last time is washing out like we'd hoped, so coolant isn't a worry here either. This engine will do fine with a longer run based on these results. Be sure to keep the oil topped off and check back in 8K miles.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	6,000	UNIT / LOCATION AVERAGES	6,000	UNIVERSAL AVERAGES
	MI/HR on Unit	88,597		80,000	
	Sample Date	5/1/2015		8/12/2014	
	Make Up Oil Added	2 qts		3 qts	
ALUMINUM	2	3	3	3	
CHROMIUM	0	0	0	0	
IRON	5	7	9	8	
COPPER	1	1	1	2	
LEAD	0	0	0	0	
TIN	0	0	0	0	
MOLYBDENUM	37	98	159	105	
NICKEL	0	0	0	0	
MANGANESE	0	0	0	0	
SILVER	0	0	0	0	
TITANIUM	2	3	4	1	
POTASSIUM	4	5	6	2	
BORON	2	10	18	28	
SILICON	6	7	7	14	
SODIUM	29	57	85	45	
CALCIUM	2163	2167	2171	1991	
MAGNESIUM	68	39	9	237	
PHOSPHORUS	631	685	738	678	
ZINC	800	832	864	808	
BARIUM	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	50.3	46-57	51.6
	cSt Viscosity @ 100°C	7.36	6.0-9.7	7.77
	Flashpoint in °F	415	>385	430
	Fuel %	<0.5	<2.0	<0.5
	Antifreeze %	0.0	0.0	0.0
	Water %	0.0	<0.1	0.0
	Insolubles %	0.2	<0.6	0.2
	TBN			
	TAN			
	ISO Code			

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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