



OIL REPORT

LAB NUMBER:
 REPORT DATE: 11/2/2016
 CODE: 107/685

UNIT ID:
 CLIENT ID:
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Toyota 4.3L V-8 (3UZ-FE)	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 8,120 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS You'll be glad to know that four years and two months was no problem for this oil. The physical properties of the oil all still look great and the oil is working well for the engine, in that internal parts are wearing quite well and the TBN is still plenty strong. The one thing that has changed is our averages, which are based on about 7,400 miles on the oil now. Silicon was marked last time for being high, but compared to the current averages, it's perfectly fine now, so no need to mark it. It's probably just an anti-foaming additive in the oil. Try 10,000 miles.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	8,120	UNIT / LOCATION AVERAGES	6,622				UNIVERSAL AVERAGES
	MI/HR on Unit	39,510		31,382				
	Sample Date	10/15/2016		8/16/2012				
	Make Up Oil Added	0 qts		0 qts				
ALUMINUM	2	2	3				3	
CHROMIUM	0	0	0				0	
IRON	9	9	9				9	
COPPER	2	2	3				1	
LEAD	0	0	0				0	
TIN	0	0	0				1	
MOLYBDENUM	81	81	113				66	
NICKEL	0	0	0				0	
MANGANESE	1	1	1				0	
SILVER	0	0	0				0	
TITANIUM	0	0	0				2	
POTASSIUM	2	2	4				2	
BORON	33	33	49				35	
SILICON	22	22	17				17	
SODIUM	6	6	6				72	
CALCIUM	1184	1184	2355				1893	
MAGNESIUM	572	572	13				334	
PHOSPHORUS	604	604	659				669	
ZINC	744	744	761				787	
BARIUM	1	1	1				0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	60.6	55-62	59.1			
	cSt Viscosity @ 100°C	10.40	8.8-11.1	9.95			
	Flashpoint in °F	400	>365	415			
	Fuel %	<0.5	<2.0	<0.5			
	Antifreeze %	0.0	0.0	0.0			
	Water %	0.0	0.0	0.0			
	Insolubles %	TR	<0.6	TR			
	TBN	2.6	>1.0	3.3			
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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