



## OIL REPORT

LAB NUMBER: P40667

UNIT ID: REBECCA 16 PRIUS

REPORT DATE: 2/16/2022

CLIENT ID: 183138

CODE: 20/698

PAYMENT: CC: Visa

UNIT

MAKE/MODEL: Toyota 1.8L 4-cyl (2ZR-FXE)  
FUEL TYPE: Gasoline (Unleaded)  
ADDITIONAL INFO:

OIL TYPE & GRADE: Pennzoil Ultra Platinum 0W/20  
OIL USE INTERVAL: 9,567 Miles

CLIENT

PHONE:  
FAX:  
ALT PHC  
EMAIL:

COMMENTS

EDDIE: Wow! Even though this oil was in use about twice as long as the first sample from this Prius, the engine didn't leave much more wear metal in the oil to show for it. Aluminum (from pistons and bearings) and iron (from steel parts) are only slightly higher, and tin disappeared. These are good wear results for the miles on the oil. The only contamination to note is a small amount of fuel, and it's probably just from something like idling or a short trip before sampling. It isn't cause for concern. The TBN's good at 4.0, so a 12,000-mile oil run should work well.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	9,567	UNIT / LOCATION AVERAGES	5,091					UNIVERSAL AVERAGES
	MI/HR on Unit	108,783		99,216					
	Sample Date	2/3/2022		6/5/2021					
	Make Up Oil Added	0 qts		0 qt					
	ALUMINUM	5	5	4					4
	CHROMIUM	0	0	0					0
	IRON	6	6	5					9
	COPPER	1	1	0					1
	LEAD	0	0	0					0
	TIN	0	1	2					0
	MOLYBDENUM	80	67	53					102
	NICKEL	0	0	0					0
	MANGANESE	0	0	0					0
	SILVER	0	0	0					0
	TITANIUM	1	1	0					2
	POTASSIUM	0	0	0					1
	BORON	106	107	107					48
	SILICON	6	7	8					11
	SODIUM	4	4	3					18
	CALCIUM	1042	944	846					1583
	MAGNESIUM	731	714	697					412
	PHOSPHORUS	627	649	671					659
	ZINC	753	742	731					759
	BARIUM	0	0	0					0

Values  
Should Be\*

PROPERTIES	SUS Viscosity @ 210°F	52.4	46-57	48.1				
	cSt Viscosity @ 100°C	7.99	6.0-9.7	6.68				
	Flashpoint in °F	365	385	390				
	Fuel %	1.0	<2.0	<0.5				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	0.2	0.6	0.2				
	TBN	4.0	>1.0					
	TAN							
	ISO Code							

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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