



OIL REPORT

LAB NUMBER:
 REPORT DATE: 10/5/2022
 CODE: 20/68

UNIT ID:
 CLIENT ID:
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Toyota 1.8L 4-cyl (2ZR-FXE)	OIL TYPE & GRADE: Super Tech 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10,000 Miles
	ADDITIONAL INFO: 2016 Prius Hybrid	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS We've got nothing but good things to say about these results. To start off, the wear metals look great compared to universal averages for this type of Toyota engine. Those are based on about 8,700 miles of oil use, and after a slightly longer interval, your oil's wear levels are very close to those benchmarks and reveal no problems in the works for this 1.8L's internals. Silicon is at a level that shows proper air filtration, and the insolubles at 0.2% are a sign that the oil filter is meeting expectations. This 0W/20 Super Tech oil worked well for you. Nice report and engine!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	60,000						
	Sample Date	9/19/2022						
	Make Up Oil Added	0 qts						
ALUMINUM	6	6					4	
CHROMIUM	0	0					0	
IRON	6	6					9	
COPPER	1	1					1	
LEAD	0	0					0	
TIN	0	0					0	
MOLYBDENUM	80	80					106	
NICKEL	0	0					0	
MANGANESE	0	0					0	
SILVER	0	0					0	
TITANIUM	0	0					2	
POTASSIUM	0	0					1	
BORON	72	72					51	
SILICON	17	17					12	
SODIUM	4	4					17	
CALCIUM	1399	1399					1535	
MAGNESIUM	603	603					437	
PHOSPHORUS	731	731					661	
ZINC	825	825					760	
BIARIUM	0	0					0	

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	50.7	46-57				
	cSt Viscosity @ 100°C	7.49	6.0-9.7				
	Flashpoint in °F	425	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN						
	TAN						
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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