



OIL REPORT

LAB NUMBER: N22837 UNIT ID: 2021 PRIUS
 REPORT DATE: 3/23/2021 CLIENT ID: 167575
 CODE: 20/698 PAYMENT: CC: MC

UNIT	MAKE/MODEL: Toyota 1.5L 4-cyl (1NZ-FXE) (Prius)	OIL TYPE & GRADE: Motul Hybrid 0W/16
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,000 Miles
	ADDITIONAL INFO:	

CLIENT	YEVHENII KRUHIAKOV	PHONE: (248) 759-3467
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COMMENTS YEVHENI: Iron tested high enough in this first sample to earn a bold mark, but it's certainly not a cautionary find at this level. Since only a few oil changes have taken place since this Prius was new, some of the last wear-in by-products may still be lingering. Or, if a lot of idling is part of the routine, that tends to naturally drive up iron. That can cause a little fuel dilution too, if the engine doesn't get hot enough to burn it off. Whatever the cause of these minor blemishes, trends should offer insight. Active additive remained based on the TBN, but repeat 5K miles to compare.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	20,000						
	Sample Date	3/15/2021						
	Make Up Oil Added	0 qts						
ALUMINUM	5	5					3	
CHROMIUM	1	1					0	
IRON	32	32					11	
COPPER	2	2					1	
LEAD	0	0					0	
TIN	1	1					0	
MOLYBDENUM	80	80					75	
NICKEL	1	1					0	
MANGANESE	0	0					0	
SILVER	0	0					0	
TITANIUM	0	0					2	
POTASSIUM	2	2					2	
BORON	139	139					43	
SILICON	5	5					12	
SODIUM	7	7					41	
CALCIUM	3051	3051					1835	
MAGNESIUM	21	21					270	
PHOSPHORUS	983	983					679	
ZINC	1108	1108					788	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	48.2	43-55				
	cSt Viscosity @ 100°C	6.71	5.1-9.1				
	Flashpoint in °F	385	>385				
	Fuel %	TR	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.3	<0.6				
	TBN	3.9	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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