



OIL REPORT

LAB NUMBER:
REPORT DATE: 6/29/2023
CODE: 20/88

UNIT ID:
CLIENT ID:
PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Toyota 4.0L V-6 (1GR-FE)	OIL TYPE & GRADE: Amsoil 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10,000 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS	Not bad. Wear metals are in good shape in your V6's first report, falling close to the universal averages, which show typical wear for these engines after only ~6,000 miles on the oil. You went longer, and it doesn't look like this 1GR-FE minded a bit. Silicon tested a little high, so it may be worth taking a peek at the air filter in case silicon is dirt -- but we'd expect poor wear results in that case, so right now it's not a big deal. A 0.5% fuel dilution isn't concerning, and the rest of the physical properties of this oil are fine. Good results as of 135,000 miles total.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,000	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	135,000							
	Sample Date	6/8/2023							
	Make Up Oil Added	0 qts							
	ALUMINUM	4	4						4
	CHROMIUM	0	0						0
	IRON	13	13						11
	COPPER	0	0						3
	LEAD	0	0						0
	TIN	0	0						0
	MOLYBDENUM	74	74						93
	NICKEL	0	0						0
	MANGANESE	0	0						0
	SILVER	0	0						0
	TITANIUM	0	0						3
	POTASSIUM	1	1						4
	BORON	31	31						40
	SILICON	29	29						16
	SODIUM	8	8						33
	CALCIUM	1252	1252						1493
	MAGNESIUM	531	531						464
	PHOSPHORUS	707	707						677
	ZINC	789	789						772
	BARIUM	0	0						0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	52.6	46-59					
	cSt Viscosity @ 100°C	8.07	6.0-10.2					
	Flashpoint in °F	375	>385					
	Fuel %	0.5	<2.0					
	Antifreeze %	0.0	0.0					
	Water %	0.0	<0.1					
	Insolubles %	0.2	<0.6					
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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