



OIL REPORT

LAB NUMBER:
 REPORT DATE: 4/15/2025
 CODE: 170/88

UNIT ID:
 CLIENT ID:
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Toyota 3.5L V-6 (2GR-FE) S/C	OIL TYPE & GRADE: Mobil 1 Euro 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,306 Miles
	ADDITIONAL INFO: Lotus	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS Iron is a little higher than it was last time, but that makes sense: this oil run was longer than the last one, and iron tends to accumulate more the longer you run the oil. Some of the iron might be lingering from wear-in, too. Copper and silicon are still elevated compared to the universal averages, but they've made nice strides in the right direction, which is perfect as the wear-in stuff starts to wash out. Aluminum dropped into the average range already, but it may continue to trend down over the next sample or two. The thin viscosity is fine. Nice progress.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,306	UNIT / LOCATION AVERAGES	1,172					
	MI/HR on Unit	5,478		1,172					UNIVERSAL AVERAGES
	Sample Date	3/29/2025		6/22/2024					
	Make Up Oil Added	0 qts		0 qts					
ALUMINUM	6	7	8						4
CHROMIUM	1	1	0						0
IRON	22	18	14						8
COPPER	22	50	77						2
LEAD	0	0	0						0
TIN	0	1	1						0
MOLYBDENUM	85	117	149						94
NICKEL	0	0	0						0
MANGANESE	2	3	4						0
SILVER	0	0	0						0
TITANIUM	0	0	0						2
POTASSIUM	4	6	7						1
BORON	90	83	75						44
SILICON	58	102	146						17
SODIUM	4	5	5						26
CALCIUM	1374	1284	1193						1369
MAGNESIUM	1080	985	890						504
PHOSPHORUS	870	794	718						688
ZINC	936	890	843						765
BIARIUM	1	2	2						0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	59.9	63-75	60.7				
	cSt Viscosity @ 100°C	10.20	11.1-14.5	10.42				
	Flashpoint in °F	390	>385	425				
	Fuel %	<0.5	<2.0	<0.5				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	0.1	<0.6	0.1				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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