



OIL REPORT

LAB NUMBER: R04854

UNIT ID: 17 4RUNNER

REPORT DATE: 5/8/2023

CLIENT ID: 221530

CODE: 20/88

PAYMENT: CC Online

UNIT

MAKE/MODEL: Toyota 4.0L V-6 (1GR-FE)
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: Kirkland Synthetic 0W/20
OIL USE INTERVAL: 5,000 Miles

CLIENT

BRANDON BECKER
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COMMENTS

BRANDON: This first report from your 4Runner looks great. The universal averages show typical wear levels after about 6,000 miles on the oil -- your oil run was a bit shorter than average, which is fine -- we're seeing metals all reading well within average ranges in your sample, and that leaves us with no concerns about how the engine is getting along. No contamination turned up, the viscosity read in grade, and the low silicon and insolubles levels speak to proper air and oil filtration. Perfect report! We'll look forward to seeing trends. Feel free to try 7,000 miles next time.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR on Unit	68,000								
	Sample Date	4/22/2023								
	Make Up Oil Added	0 qts								
	ALUMINUM	4		4						4
	CHROMIUM	0		0						0
	IRON	11		11						11
	COPPER	1		1						3
	LEAD	0		0						0
	TIN	0		0						0
	MOLYBDENUM	104		104						92
	NICKEL	0		0						0
	MANGANESE	0		0						0
	SILVER	0		0						0
	TITANIUM	0		0						3
	POTASSIUM	0		0						4
	BORON	103		103						40
	SILICON	7		7						16
	SODIUM	5		5						34
	CALCIUM	1403		1403						1507
	MAGNESIUM	599		599						459
	PHOSPHORUS	768		768						677
	ZINC	840		840						773
	BARIUM	0		0						0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	50.5	46-57					
	cSt Viscosity @ 100°C	7.43	6.0-9.7					
	Flashpoint in °F	405	>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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