



OIL REPORT

LAB NUMBER: S261296

UNIT ID: 25 TRAILHUNTER

REPORT DATE: 7/31/2025

CLIENT ID: 278184

CODE: 44/1,487

PAYMENT: CC: Visa

UNIT

MAKE/MODEL: Toyota 2.4L I-4 Turbo (T24A-FTS)

OIL TYPE & GRADE: 0W/20

FUEL TYPE: Gasoline (Unleaded)

OIL USE INTERVAL: 1,004 Miles

ADDITIONAL INFO:

CLIENT

ALT PHONE:

COMMENTS

JESSE: Why did Toyota choose Old Man Emu suspension parts for these Trailhunters? Because they run down under! That's the kind of banter you can only get with a Blackstone oil analysis. This 2.4L hybrid looks fine, by the way. Extra metals and silicon just show wear-in and sealer, and should wash out with each oil change until things settle around the levels shown in universal averages. Those are based on oil with about 4,300 miles on it, from mature engines. A little fuel is harmless, and no coolant or moisture contaminated this 0W/20. The TBN is strong. Good start.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	1,004	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR on Unit	1,004								
	Sample Date	6/28/2025								
	Make Up Oil Added									
	ALUMINUM	12	12							5
	CHROMIUM	0	0							0
	IRON	15	15							7
	COPPER	31	31							4
	LEAD	0	0							0
	TIN	1	1							0
	MOLYBDENUM	667	667							115
	NICKEL	0	0							0
	MANGANESE	1	1							1
	SILVER	0	0							0
	TITANIUM	0	0							0
	POTASSIUM	2	2							6
	BORON	72	72							61
	SILICON	161	161							23
	SODIUM	5	5							4
PROPERTIES	CALCIUM	1023	1023							1123
	MAGNESIUM	393	393							533
	PHOSPHORUS	595	595							619
	ZINC	720	720							718
	BARIUM	1	1							0
	Values Should Be*									
	SUS Viscosity @ 210°F	48.2	46-57							
PROPERTIES	cSt Viscosity @ 100°C	6.73	6.0-9.7							
	Flashpoint in °F	375	>385							
	Fuel %	0.5	<2.0							
	Antifreeze %	0.0	0.0							
	Water %	0.0	0.0							
	Insolubles %	0.1	<0.6							
	TBN	5.1	>2.0							
	TAN									
	ISO Code									

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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