



# OIL REPORT

LAB NUMBER: R60067

UNIT ID: 06 SUBURBAN

REPORT DATE: 9/25/2023

CLIENT ID: 230800

CODE: 20/88

PAYMENT: CC: Visa

**UNIT**

MAKE/MODEL: GM 5.3L V-8  
FUEL TYPE: Gasoline (Unleaded)  
ADDITIONAL INFO: 1500

OIL TYPE & GRADE: Valvoline High Mileage SynBlend 5W/3  
OIL USE INTERVAL: 5,000 Miles

**CLIENT**

LUCAS MUNIZ  
466 PIONEER PATH  
TWIN FALLS, ID 83301

PHONE: (208) 613-2913  
FAX:  
ALT PHONE:  
EMAIL: lucas.muniz.294@gmail.com

**COMMENTS**

LUCAS: Thanks for the notes. This is a great report, one that makes it clear you're taking good care of the engine powering this Suburban. Universal averages show typical wear for the engine type after about 5,400 miles of oil use. This oil was run about as long, and yet there is significantly less iron, copper, and lead than we typically find in these engines. Elsewhere in the spectral results, we can see effective air filtration (based on the low silicon level), and there's no contamination from coolant or fuel to worry about. Keep doing what you're doing.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR on Unit	270,000								
	Sample Date	8/30/2023								
	Make Up Oil Added	0.70 qts								
	ALUMINUM	4	4							4
	CHROMIUM	0	0							1
	IRON	16	16							18
	COPPER	3	3							18
	LEAD	1	1							5
	TIN	0	0							1
	MOLYBDENUM	64	64							82
	NICKEL	0	0							1
	MANGANESE	0	0							4
	SILVER	0	0							0
	TITANIUM	0	0							2
	POTASSIUM	0	0							4
	BORON	35	35							46
	SILICON	11	11							12
	SODIUM	8	8							40
	CALCIUM	845	845							1681
	MAGNESIUM	791	791							358
	PHOSPHORUS	598	598							694
	ZINC	734	734							805
	BARIUM	0	0							0

Values  
Should Be\*

PROPERTIES	SUS Viscosity @ 210°F	56.2	56-63					
	cSt Viscosity @ 100°C	9.11	9.1-11.3					
	Flashpoint in °F	410	>385					
	Fuel %	<0.5	<2.0					
	Antifreeze %	0.0	0.0					
	Water %	0.0	0.0					
	Insolubles %	0.1	<0.6					
	TBN							
	TAN							
	ISO Code							

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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