



OIL REPORT

LAB NUMBER: S236553

UNIT ID: 20 SIERRA 1500

REPORT DATE: 6/9/2025

CODE: 169/1,193

PAYMENT: CC Online

UNIT

MAKE/MODEL: GM 6.2L Ecotec3 V-8 (L87)
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: 0W/20
OIL USE INTERVAL: 4,220 Miles

CLIENT

PHONE:
FAX:
ALT PHONE:
EMAIL:

COMMENTS

MATTHEW: These results don't reveal anything troubling. Wear metals in this sample align nicely with the universal averages on the far right. Those averages show how this engine type tends to wear after putting about 5,200 miles on the oil. This looks like a healthy engine to us! There's also no contamination to deal with, like coolant, water, excess dirt, or fuel. The oil's viscosity is in the right range for a 0W/20, and the low insolubles level is a sign of proper oil filtration. Looks good on our end at 78,615 total miles.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,220	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	78,615							
	Sample Date	5/10/2025							
	Make Up Oil Added	0 qts							
	ALUMINUM	5		5					4
	CHROMIUM	1		1					1
	IRON	19		19					13
	COPPER	2		2					3
	LEAD	0		0					0
	TIN	0		0					1
	MOLYBDENUM	140		140					125
	NICKEL	0		0					0
	MANGANESE	1		1					4
	SILVER	0		0					0
	TITANIUM	0		0					1
	POTASSIUM	1		1					1
	BORON	48		48					45
	SILICON	15		15					16
	SODIUM	5		5					5
	CALCIUM	996		996					1041
	MAGNESIUM	504		504					596
	PHOSPHORUS	607		607					632
	ZINC	772		772					749
	BARIUM	0		0					0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	49.8	46-57					
	cSt Viscosity @ 100°C	7.21	6.0-9.7					
	Flashpoint in °F	400	>385					
	Fuel %	<0.5	<2.0					
	Antifreeze %	0.0	0.0					
	Water %	0.0	0.0					
	Insolubles %	0.3	<0.6					
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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