



# OIL REPORT

LAB NUMBER: S253609  
 REPORT DATE: 7/15/2025  
 CODE: 170/1,193

UNIT ID: 22 YUKON  
 CLIENT ID: 276729  
 PAYMENT: CC Online

<b>UNIT</b>	MAKE/MODEL: GM 6.2L Ecotec3 V-8 (L87)	OIL TYPE & GRADE: Mobil 1 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 1,500 Miles
	ADDITIONAL INFO: Denali	

<b>CLIENT</b>	PHONE: [REDACTED]
	FAX: [REDACTED]
	ALT PHONE: [REDACTED]
	EMAIL: [REDACTED]
	[REDACTED]

**COMMENTS** PAUL: Universal averages for GM's L87 engine are on the far right and provide a good idea of how the engine type tends to wear after putting ~5,200 miles on the oil. This sample was in place for just 1,500 miles, and it's good to see wear metals reading right at or below average. Iron usually starts off pretty low and increases the longer the oil is in use, so it's great that iron is reading low here to fit with the short run. Wear looks good, and there is no contamination to deal with. Oil filtration also kept insolubles (oxidized solids) nice and low. Looking good.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	1,500	<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	58,073						
	Sample Date	7/2/2025						
	Make Up Oil Added	0 qts						
ALUMINUM	4	4					4	
CHROMIUM	0	0					1	
IRON	4	4					12	
COPPER	1	1					3	
LEAD	0	0					0	
TIN	0	0					1	
MOLYBDENUM	84	84					123	
NICKEL	0	0					0	
MANGANESE	0	0					5	
SILVER	0	0					0	
TITANIUM	0	0					1	
POTASSIUM	0	0					1	
BORON	74	74					45	
SILICON	11	11					16	
SODIUM	3	3					5	
CALCIUM	755	755					1028	
MAGNESIUM	577	577					587	
PHOSPHORUS	535	535					628	
ZINC	644	644					746	
BARIUM	0	0					0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	51.6	46-57				
	cSt Viscosity @ 100°C	7.77	6.0-9.7				
	Flashpoint in °F	395	>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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