



OIL REPORT

LAB NUMBER: L92737
 REPORT DATE: 1/15/2020
 CODE: 20/32

UNIT ID: 12 DENALI XL
 CLIENT ID: 155213
 PAYMENT: CC: MC

UNIT	MAKE/MODEL: GM 6.2L L94 V-8	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,780 Miles
	ADDITIONAL INFO: Yukon	

CLIENT	CLAY SOWDER	PHONE: (925) 338-4725
	916 INDEPENDENCE ST	FAX:
	BRENTWOOD, CA 94513-6232	ALT PHONE:
		EMAIL: norcalboon@yahoo.com

COMMENTS CLAY: Your Denali's first sample tested really well. We gauge internal wear by comparing the metals aluminum through lead to universal averages for the engine type. For the L94, averages are based on oil run about 8,600 miles. You didn't run this oil quite as long, and wear metals in your sample are lower to match. They're in a normal balance, too, so we aren't seeing any signs of poor wear or a developing mechanical issue. On top of the nice wear results, the oil is in good physical condition. The viscosity is correct for 5W/30, and no contamination was found.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,780	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	114,751						
	Sample Date	1/4/2020						
	Make Up Oil Added	0.5 qts						
ALUMINUM	6	6					8	
CHROMIUM	1	1					2	
IRON	20	20					31	
COPPER	14	14					19	
LEAD	0	0					1	
TIN	0	0					0	
MOLYBDENUM	72	72					68	
NICKEL	1	1					1	
MANGANESE	0	0					1	
SILVER	0	0					0	
TITANIUM	0	0					5	
POTASSIUM	1	1					2	
BORON	40	40					29	
SILICON	10	10					12	
SODIUM	5	5					17	
CALCIUM	1005	1005					1005	
MAGNESIUM	636	636					617	
PHOSPHORUS	661	661					645	
ZINC	758	758					695	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	57.0	55-63				
	cSt Viscosity @ 100°C	9.36	8.8-11.3				
	Flashpoint in °F	400	>375				
	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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