



OIL REPORT

LAB NUMBER: K02959
 REPORT DATE: 3/9/2018
 CODE: 20/32

UNIT ID: 10 G37S
 CLIENT ID: 122130
 PAYMENT: Verbal, Erik

UNIT	MAKE/MODEL: Nissan 3.7L V-6 (VQ37VHR)	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 7,500 Miles
	ADDITIONAL INFO:	

CLIENT	
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COMMENTS ERIK: Universal averages for this type of engine are based on about 5,300 miles of oil use. You went longer on this oil and wear metals are in the average range. Only aluminum and lead are a little higher, but neither is too concerning. Lead is probably the one to watch since it's close to getting a mark (over twice the average value). It could show some extra bearing wear or it could be from the past use of octane boosters or race/track fuel. This level may even be normal for your particular engine so it's just something to note. Physically, the oil was fine. Try 9,000 miles next.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	7,500	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	80,000						
	Sample Date	2/3/2018						
	Make Up Oil Added	0 qts						
	ALUMINUM	6	6					5
	CHROMIUM	0	0					0
	IRON	7	7					12
	COPPER	4	4					9
	LEAD	8	8					4
	TIN	0	0					1
	MOLYBDENUM	92	92					160
	NICKEL	0	0					0
	MANGANESE	0	0					1
	SILVER	0	0					0
	TITANIUM	0	0					2
	POTASSIUM	2	2					2
	BORON	31	31					53
	SILICON	32	32					20
	SODIUM	5	5					27
	CALCIUM	1206	1206					2048
	MAGNESIUM	474	474					243
	PHOSPHORUS	704	704					768
	ZINC	736	736					891
	BARIUM	0	0					0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	58.1	55-62				
	cSt Viscosity @ 100°C	9.68	8.8-11.1				
	Flashpoint in °F	375	>365				
	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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