



# OIL REPORT

LAB NUMBER: F53189  
 REPORT DATE: 5/7/2013  
 CODE: 44/75

UNIT ID: 08 NISMO  
 CLIENT ID: 60448  
 PAYMENT: CC: Visa

<b>UNIT</b>	MAKE/MODEL: Nissan 3.5L V-6 (VQ35HR)	OIL TYPE & GRADE: Castrol GTX High Mileage 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,513 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	PHONE: ( )
	FAX:
	ALT PHONE:
	EMAIL: nismo

**COMMENTS**  
 KEVIN: It looks like the 5W/30 Castrol High Mileage oil is working just fine in AZ, so don't worry about that. We don't often find that different formulations or viscosities make much of a difference, as long as you're using the right type of oil for the job. Aluminum, copper, and silicon are some lingering wear-in material, but your engine is well past the wear-in period here, so expect some steady improvements over the next few oil changes. Eventually, look for numbers similar to averages, which are based on ~4,500 miles on the oil. So far, so good. Try 4,000 miles.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,513	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	8,540						
	Sample Date	12/18/12						
	Make Up Oil Added							
	ALUMINUM	8	8					4
	CHROMIUM	0	0					0
	IRON	13	13					11
	COPPER	19	19					5
	LEAD	3	3					4
	TIN	3	3					1
	MOLYBDENUM	19	19					67
	NICKEL	0	0					0
	MANGANESE	1	1					0
	SILVER	0	0					0
	TITANIUM	0	0					1
	POTASSIUM	6	6					2
	BORON	4	4					48
	SILICON	21	21					13
	SODIUM	417	417					63
	CALCIUM	2054	2054					2327
	MAGNESIUM	9	9					111
	PHOSPHORUS	740	740					726
	ZINC	908	908					846
	BARIUM	1	1					0

Values Should Be\*

PROPERTIES	SUS Viscosity @ 210°F	56.5	56-63				
	cSt Viscosity @ 100°C	9.20	9.1-11.3				
	Flashpoint in °F	405	>365				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	TR	<0.6				
	TBN						
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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