



# OIL REPORT

LAB NUMBER:  
 REPORT DATE: 3/9/2011  
 CODE:

UNIT ID:  
 CLIENT ID:  
 PAYMENT:

<b>UNIT</b>	MAKE/MODEL: Nissan 3.7L (VQ37HR)	OIL TYPE & GRADE: Mobil 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,420 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	
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**COMMENTS** Nice improvement in wear and silicon. This is a good sign that your Nissan is progressing past wear-in nicely and a longer oil run should be fine next time. Copper and silicon should continue to improve next time, even with the longer oil run and since the TBN was still nice and strong, we think going up to 4,500 miles should be okay. The low viscosity and flashpoint likely show some fuel dilution, though that's not a problem and the viscosity may actually be okay if this oil was a 5W/20 to start with.

			UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Oil	2,420		2,365				
	MI/HR on Unit	6,048	3,628					
	Sample Date	02/25/11	12/10/10					
	Make Up Oil Added	0 qts.						
<b>ELEMENTS IN PARTS PER MILLION</b>	ALUMINUM	6	7	7				5
	CHROMIUM	0	0	0				0
	IRON	12	16	20				19
	COPPER	24	34	44				12
	LEAD	1	1	1				5
	TIN	0	0	0				1
	MOLYBDENUM	146	166	185				244
	NICKEL	0	0	0				0
	MANGANESE	2	3	3				1
	SILVER	0	0	0				0
	TITANIUM	0	0	0				1
	POTASSIUM	5	3	0				2
	BORON	120	88	55				43
	SILICON	27	38	49				18
	SODIUM	4	4	4				27
	CALCIUM	2029	1891	1753				2231
	MAGNESIUM	61	36	11				160
	PHOSPHORUS	783	697	611				790
ZINC	1012	900	788				943	
BARIUM	1	2	2				0	

Values Should Be\*

<b>PROPERTIES</b>						
SUS Viscosity @ 210°F	51.0	56-62	52.8			
cSt Viscosity @ 100°C	7.56	9.1-11.1	8.13			
Flashpoint in °F	365	>365	395			
Fuel %	TR	<2.0	<0.5			
Antifreeze %	0.0	0.0	0.0			
Water %	0.0	0.0	0.0			
Insolubles %	0.2	<0.7	0.3			
TBN	3.3		4.8			
TAN						
ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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