



OIL REPORT

LAB NUMBER: D84869
 REPORT DATE: 8/17/2009
 CODE: 44/286

UNIT ID: 07 350Z
 CLIENT ID: 37088

UNIT	MAKE/MODEL: Nissan 3.5L V-6 (VQ35)	OIL TYPE & GRADE: Castrol 0W/30 German
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,800 Miles
	ADDITIONAL INFO:	

CLIENT	[REDACTED]	FAX: [REDACTED]
	[REDACTED]	[REDACTED]

COMMENTS YAGHOUB: Wear looks pretty good in the first sample from your Infiniti. Universal averages for the 3.5L engine are based on an oil run of 4,500 miles. You ran this oil a little less, so we expected to see all wear read well within the average range, and that's just what showed up. The few metals that did read slightly high may be due to some lingering wear-in and should drop next time. The TBN read 7.0, showing lots of active additive left. 1.0 is considered too low. This engine appears to be doing well at 13,800 total miles. Try going up to ~5,500 miles on the next oil.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,800	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	13,800						
	Sample Date	08/03/09						
	Make Up Oil Added	0 qts						
	ALUMINUM	6	6					3
	CHROMIUM	0	0					1
	IRON	14	14					11
	COPPER	4	4					6
	LEAD	3	3					6
	TIN	2	2					1
	MOLYBDENUM	6	6					69
	NICKEL	0	0					0
	MANGANESE	4	4					1
	SILVER	0	0					0
	TITANIUM	0	0					0
	POTASSIUM	2	2					1
	BORON	4	4					52
	SILICON	16	16					12
	SODIUM	9	9					11
	CALCIUM	2089	2089					2337
	MAGNESIUM	587	587					118
	PHOSPHORUS	931	931					699
	ZINC	1226	1226					842
	BARIUM	0	0					0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	64.4	59-68				
	cSt Viscosity @ 100°C	11.44	9.9-12.7				
	Flashpoint in °F	430	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0				
	Water %	0.0	<0.1				
	Insolubles %	0.3	<0.6				
	TBN	7.0					
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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