BLACKSTONE LABORATORIES

P.O. NUMBER Prepaid
CODE: 20/25348/286

OIL REPORT

UNIT NUMBER 05 G35
REPORT DATE: 7/3/07
LAB NUMBER: D09786

CLIENT

CONTACT:
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UNIT

EQUIPMENT MAKE: Nissan
EQUIPMENT MODEL: 3.5L V-6 (VQ35)
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: Infiniti

OIL USE INTERVAL: 4,000 Miles
OIL TYPE & GRADE: Mobil 1 5W/30
MAKE-UP OIL ADDED: 0 qts

COMMENTS

JEFF: Your VQ35 is looking pretty good at 24,682 miles. You stretched out your oil use a bit longer than the first sample and most wear metals increased a little but not enough to lose any sleep over. You will always see minor variances in most wear metals but the one that "tracks" with miles of use is iron, which comes from steel parts. Air and oil filtration appeared to be normal and the oil's viscosity was fine. The TBN was 2.4, some active additive left in the oil. When it gets to 1.0, it's pretty much gone. Try ~4500 miles for the next oil change.

ELEMENTS IN PARTS PER MILLION

MI/HR ON OIL	4,000	UNIT / LOCATION AVERAGES	3,497					UNIVERSAL AVERAGES	
MI/HR ON UNIT	24,682		19,139						
SAMPLE DATE	06/12/07		01/27/07						
ALUMINUM	4	5	5					3	
CHROMIUM	1	1	1					1	
IRON	17	14	10					11	
COPPER	8	7	6					6	
LEAD	5	4	2					5	
TIN	0	1	2					1	
MOLYBDENUM	72	45	17					74	
NICKEL	0	0	0					0	
MANGANESE	1	1	1					1	
SILVER	0	0	0					0	
TITANIUM	0	0	0					0	
POTASSIUM	0	1	2					1	
BORON	53	28	3					59	
SILICON	9	8	7					11	
SODIUM	7	9	11					7	
CALCIUM	2233	2474	2714					2291	
MAGNESIUM	14	18	21					108	
PHOSPHORUS	662	676	690					694	
ZINC	780	787	793					823	
BARIUM	0	1	1					0	

PROPERTIES

TEST	cST VISCOSITY @ 40 °C	SUS VISCOSITY @ 100 °F	VISCOSITY INDEX	cST VISCOSITY @ 100 °C	SUS VISCOSITY @ 210 °F	FLASHPOINT IN °F	FUEL %	ANTIFREEZE %	WATER %	INSOLUBLES %
VALUES SHOULD BE					55-62	>365	<2.0	0.0	0.0	<0.6
TESTED VALUES WERE					57.7	390	<0.5	0.0	0.0	0.4

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LIABILITY LIMITED TO COST OF SAMPLE ANALYSIS

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