



OIL REPORT

LAB NUMBER: F32847 UNIT ID: RD G35
 REPORT DATE: 12/10/2012 CLIENT ID: 60180
 CODE: 20/75 PAYMENT: CC: AmEx

UNIT	MAKE/MODEL: Nissan 3.5L V-6 (VQ35HR)	OIL TYPE & GRADE: Shell Rotella T6 5W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 1,000 Miles
	ADDITIONAL INFO: 2004	

CLIENT	RAJ DASH	PHONE: (502) 384-8882
	DYNOSTY, LLC	FAX:
	13100 MIDDLETOWN INDUSTRIAL BLVD	ALT PHONE:
	LOUISVILLE, KY 40223	EMAIL: hal@dynosty.com, rc@dashcorp.com

COMMENTS RAJ: There were a few items out of line. Aluminum shows piston wear, chrome is from rings, and iron comes from steel parts. This is a lot of metal for 1,000 miles on the oil, compared to averages, which are based on ~4,400 miles. If silicon is abrasive, that might be causing some wear, so check the air intake for leaks or problems. Also, the low flashpoint indicates a lot of fuel present. Maybe running rich paired with the recent start and ring wear explains the fuel. But still, watch for a fuel issue. Change this oil, look for cylinder/air/fuel problems. Check back in 500 miles to monitor.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	1,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	28,169						
	Sample Date	12/06/12						
	Make Up Oil Added	0 qts						
ALUMINUM	31	31					4	
CHROMIUM	9	9					0	
IRON	36	36					11	
COPPER	8	8					5	
LEAD	9	9					5	
TIN	0	0					1	
MOLYBDENUM	18	18					66	
NICKEL	0	0					0	
MANGANESE	1	1					0	
SILVER	1	1					0	
TITANIUM	0	0					1	
POTASSIUM	7	7					2	
BORON	36	36					45	
SILICON	38	38					13	
SODIUM	11	11					62	
CALCIUM	2231	2231					2295	
MAGNESIUM	265	265					100	
PHOSPHORUS	1097	1097					723	
ZINC	1304	1304					844	
BARIUM	1	1					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	67.1	65-78				
	cSt Viscosity @ 100°C	12.17	11.6-15.3				
	Flashpoint in °F	240	>375				
	Fuel %	6.8	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.3	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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