



OIL REPORT

LAB NUMBER: D83838
 REPORT DATE: 8/6/2009
 CODE: 20/284

UNIT ID: 96 Z28
 CLIENT ID: 36938
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: GM LT-1 5.7L 350 CID V-8	OIL TYPE & GRADE: Castrol GTX 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 1,250 Miles
	ADDITIONAL INFO:	

CLIENT	ERIC RORRER	PHONE: (336) 771-9098
	110 CREEKVIEW COURT	FAX:
	KERNERSVILLE, NC 27284	ALT PHONE:
		EMAIL: eerorrer@triad.rr.com

COMMENTS ERIC: Nope, no unusual wear (bearing or otherwise) here. Universal averages show normal wear levels from GM's 5.7L V8 engine after about 3400 miles on the oil. Your oil was run just 1250 miles, and wear read lower than averages, as expected. High silicon was the only unusual find, and this is from sealers they used when they replaced the cam. It will slowly wash out of the system with each new oil change. Wear metals are properly balanced, and we found no fuel, moisture, or coolant in this sample. The viscosity was normal. Everything looks fine here.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	1,250	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	107,000						
	Sample Date	07/28/09						
	Make Up Oil Added	0 qts						
ALUMINUM	2	2					4	
CHROMIUM	0	0					1	
IRON	7	7					21	
COPPER	5	5					6	
LEAD	2	2					8	
TIN	3	3					2	
MOLYBDENUM	7	7					65	
NICKEL	0	0					1	
MANGANESE	1	1					1	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	3	3					1	
BORON	11	11					52	
SILICON	163	163					22	
SODIUM	188	188					9	
CALCIUM	1914	1914					2136	
MAGNESIUM	7	7					194	
PHOSPHORUS	601	601					714	
ZINC	764	764					851	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	56.8	56-63				
	cSt Viscosity @ 100°C	9.31	9.1-11.3				
	Flashpoint in °F	400	>365				
	Fuel %	<0.5	<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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