



# OIL REPORT

LAB NUMBER: D53657  
 REPORT DATE: 9/30/2008  
 CODE: 1/284

UNIT ID: A - TRANS  
 CLIENT ID: 144  
 PAYMENT: No Charge

<b>UNIT</b>	MAKE/MODEL: Transmission GM Automatic	OIL TYPE & GRADE: Auto Transmission Fluid
	FUEL TYPE:	OIL USE INTERVAL: Miles
	ADDITIONAL INFO: Olds	

<b>CLIENT</b>	JIM/RYAN STARK OR KRISTIN HUFF	PHONE: (260) 744-2380
	BLACKSTONE LABORATORIES	FAX: (260) 745-2200
	416 E PETTIT AV	ALT PHONE: (260) 456-0809
	AROUND THE CORNER FROM TIRE BARN	EMAIL: bstone@blackstone-labs.com
	FORT WAYNE, IN 46806	

**COMMENTS** GM OWNER: This transmission is in good shape. Typically, the transmission oil in a GM transmission gets changed at about 19,000 miles. That's what universal averages are based on. Wear metals in this sample are lower than average, so it appears this oil has been changed not too long ago, and the transmission is wearing well. No moisture or insolubles found. This oil can be run longer.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil		<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit							
	Sample Date	09/28/08						
	Make Up Oil Added							
ALUMINUM	4	7					14	
CHROMIUM	0	1					0	
IRON	88	182					139	
COPPER	63	55					112	
LEAD	16	22					88	
TIN	0	2					5	
MOLYBDENUM	0	0					1	
NICKEL	0	0					1	
MANGANESE	1	2					2	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	2	3					1	
BORON	65	71					72	
SILICON	6	10					27	
SODIUM	28	20					13	
CALCIUM	237	227					131	
MAGNESIUM	2	9					11	
PHOSPHORUS	319	315					271	
ZINC	40	35					87	
BARIUM	0	2					5	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	46.9	42-51				
	cSt Viscosity @ 100°C	6.32	4.8-7.9				
	Flashpoint in °F	385	>335				
	Fuel %	-					
	Antifreeze %	-					
	Water %	0.0	<0.1				
	Insolubles %	0.0	<0.1				
	TBN						
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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