



OIL REPORT

LAB NUMBER: D35149 UNIT ID: 722.6-01
 REPORT DATE: 3/31/2008 CLIENT ID: 30561
 CODE: 20/133 PAYMENT: Prepaid

UNIT	MAKE/MODEL: Transmission Mercedes Automatic	OIL TYPE & GRADE: Auto Transmission Fluid
	FUEL TYPE:	OIL USE INTERVAL: 122,000 Miles
	ADDITIONAL INFO: 5 Speed	

CLIENT	

COMMENTS
 The greenish tint you mentioned is what an oil looks like after it starts to oxidize heavily. You can see this at the insolubles as well. These are solids in the oil and not only show the oil has been run too long, they also show the filter was no longer doing a good job. Wear metals were high and some of these are likely factory leftovers since this appears to be factory oil. They may not show a major problem, but they have a long way to go before we can call them normal (see universal averages based on a ~37,000 mile oil run). Check back in 10,000 miles.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	122,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	122,000						
	Sample Date	03/22/08						
	Make Up Oil Added	0 qts						
ALUMINUM	91	91					12	
CHROMIUM	0	0					0	
IRON	170	170					45	
COPPER	169	169					79	
LEAD	25	25					6	
TIN	12	12					4	
MOLYBDENUM	0	0					6	
NICKEL	0	0					0	
MANGANESE	6	6					3	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	3	3					1	
BORON	79	79					80	
SILICON	11	11					9	
SODIUM	6	6					7	
CALCIUM	25	25					370	
MAGNESIUM	0	0					5	
PHOSPHORUS	264	264					347	
ZINC	5	5					71	
BARIUM	0	0					5	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	45.1	42-51				
	cSt Viscosity @ 100°C	5.77	4.8-7.9				
Flashpoint in °F	360	>335					
Fuel %	-						
Antifreeze %	-						
Water %	0.0	<0.1					
Insolubles %	0.4	<0.1					
TBN							
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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