



P.O. NUMBER CC: Visa (Prepaid)  
 CODE: 20/22395/37

UNIT NUMBER 87 MB 300D  
 REPORT DATE: 1/22/07  
 LAB NUMBER: C95293

## OIL REPORT

<b>CLIENT</b>	CONTACT:	PHONE: (252) 435-5336
	NAME: CALVIN GENEREUX	FAX:
	ADDRESS: 7375 PEANUT DR WINDSOR, VA 23487	E-MAIL: mule2ears@yahoo.com

<b>UNIT</b>	EQUIPMENT MAKE: Mercedes Benz	OIL USE INTERVAL: 6,285 Miles
	EQUIPMENT MODEL: 3.0L 300D 6-cyl	OIL TYPE & GRADE: Shell Rotella T 15W/40
	FUEL TYPE: Diesel	MAKE-UP OIL ADDED: 2 qts
	ADDITIONAL INFO: Turbo	

**COMMENTS** CALVIN: We don't know if the improvement in lead, potassium, and sodium can be attributed to the change in oil, or if you're not using waste vegetable oil any longer. We like it, whatever the reason. You ran this oil longer than the last, so the improvement in lead is especially good. The oil was in good shape physically, containing no moisture, fuel, or coolant. Insolubles were normal at 0.4%, showing good oil filtration and complete combustion. Silicon was low at 3 ppm, showing no problems at the air filtration/induction system. Nice improvement! Keep it up!

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR ON OIL	6,285	UNIT / LOCATION AVERAGES	3,800	5,000							UNIVERSAL AVERAGES
	MI/HR ON UNIT	310,085		303,300	299,288							
	SAMPLE DATE	01/13/07		09/22/06	06/17/06							
ALUMINUM	3	2	2	2								4
CHROMIUM	2	2	2	1								2
IRON	29	25	24	23								32
COPPER	2	2	3	1								4
LEAD	31	54	106	25								4
TIN	2	2	3	1								1
MOLYBDENUM	4	6	10	5								25
NICKEL	2	2	2	1								1
MANGANESE	0	0	0	0								0
SILVER	0	0	0	0								0
TITANIUM	0	0	0	0								0
POTASSIUM	8	11	16	8								7
BORON	0	0	0	0								66
SILICON	3	3	3	3								5
SODIUM	6	9	15	7								4
CALCIUM	3298	3285	3318	3239								2417
MAGNESIUM	31	17	10	9								301
PHOSPHORUS	984	1004	1042	987								1003
ZINC	1171	1235	1294	1239								1166
BARIUM	0	0	0	0								1

<b>PROPERTIES</b>	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					69-80	>410	<2.0	0	0.0	<0.6
	TESTED VALUES WERE					80.4	440	<0.5	0.0	0.0	0.4