



P.O. NUMBER CC: Visa (Prepaid)  
 CODE: 22/20944/37

UNIT NUMBER 06 ULYSSES  
 REPORT DATE: 9/13/07  
 LAB NUMBER: D16835

## OIL REPORT

<b>CLIENT</b>	CONTACT:	PHONE: (814) 571-5266
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<b>UNIT</b>	EQUIPMENT MAKE: Buell	OIL USE INTERVAL: 4,052 Miles
	EQUIPMENT MODEL: 1203 cc	OIL TYPE & GRADE: Amsoil 20W/50
	FUEL TYPE: Gasoline (Unleaded)	MAKE-UP OIL ADDED: 0.5 qt
	ADDITIONAL INFO: XB12X	

<b>COMMENTS</b>	<p>HARLEY: We have only ever seen three samples from this type of engine, and they are averaged in the universal average file. It's hard to say, of the copper and silver, what might be related to the pinging and what's normal wear-in. Silver certainly seems out of line, even for a new engine, though like with your Suzuki, we aren't sure what parts in this Buell might be silver. We can probably tell you more after the next oil change. Everything should drop, and if something stays high that is probably the source of the pinging. No contaminants present. Oil filtration looks good.</p>
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<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR ON OIL	4,052	<b>UNIT / LOCATION AVERAGES</b>							<b>UNIVERSAL AVERAGES</b>
	MI/HR ON UNIT	4,829								
	SAMPLE DATE	07/29/07								
ALUMINUM	7	7							4	
CHROMIUM	0	0							1	
IRON	14	14							13	
COPPER	82	82							12	
LEAD	3	3							2	
TIN	3	3							2	
MOLYBDENUM	40	40							25	
NICKEL	2	2							1	
MANGANESE	1	1							0	
SILVER	269	269							0	
TITANIUM	0	0							0	
POTASSIUM	3	3							1	
BORON	38	38							206	
SILICON	52	52							17	
SODIUM	5	5							9	
CALCIUM	2869	2869							2061	
MAGNESIUM	152	152							504	
PHOSPHORUS	860	860							863	
ZINC	1147	1147							1061	
BARIUM	0	0							0	

<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					82-95	>385	<2.0	0	<0.1	<0.6
	TESTED VALUES WERE					94.3	390	<0.5	0.0	0.0	0.1