



P.O. NUMBER Verbal, Russ
 CODE: 20/22748/37

UNIT NUMBER 04 1500 CLSSC
 REPORT DATE: 6/13/06
 LAB NUMBER: C76238

OIL REPORT

CLIENT	CONTACT:	PHONE:
	NAME:	FAX:
	ADDRESS:	E-MAIL:

UNIT	EQUIPMENT MAKE: Kawasaki	OIL USE INTERVAL: 930 Miles
	EQUIPMENT MODEL: 1500cc	OIL TYPE & GRADE: Shell Rotella T 15W/40
	FUEL TYPE: Gasoline (Unleaded)	MAKE-UP OIL ADDED: 0 qts
	ADDITIONAL INFO:	

COMMENTS RUSS: Considering the hard use this Kawasaki engine sees, wear looks pretty good. The universal averages column shows typical wear from this type of engine after about 2300 miles on the oil. This oil was run 930 miles, so wear (especially copper) is higher than average when you look at it in terms of metals per mile, but nothing read so high that we think a problem is developing. We did find some fuel in the oil, which may be unavoidable due to the type of operation this engine sees. We'll keep an eye on it to ensure it doesn't increase. Check back to monitor.

ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL	930	UNIT /							
	MI/HR ON UNIT	10,180	LOCATION							
	SAMPLE DATE	06/07/06	AVERAGES							UNIVERSAL AVERAGES
ALUMINUM	10	10								13
CHROMIUM	1	1								2
IRON	23	23								20
COPPER	18	18								12
LEAD	4	4								4
TIN	0	0								1
MOLYBDENUM	5	5								13
NICKEL	0	0								0
MANGANESE	0	0								0
SILVER	0	0								0
TITANIUM	0	0								0
POTASSIUM	1	1								1
BORON	0	0								29
SILICON	4	4								6
SODIUM	9	9								7
CALCIUM	2858	2858								2613
MAGNESIUM	8	8								76
PHOSPHORUS	911	911								905
ZINC	1081	1081								1065
BARIUM	0	0								0

PROPERTIES	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 %	INSOLUBLE %
	VALUES SHOULD BE					69-80	>410	<2.0	0	0.0	<0.6
	TESTED VALUES WERE					62.4	360	2.5	0.0	0.0	0.3