



P.O. NUMBER CC: Visa (Prepaid)
 CODE: 20/23180/121

UNIT NUMBER 00 NOMAD
 REPORT DATE: 7/21/06
 LAB NUMBER: C79489

OIL REPORT

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

UNIT	EQUIPMENT MAKE: Kawasaki	OIL USE INTERVAL: 5,274 Miles
	EQUIPMENT MODEL: 1500cc	OIL TYPE & GRADE: Mobil 1 5W/50 (Gas)
	FUEL TYPE: Gasoline (Unleaded)	MAKE-UP OIL ADDED: 0 qts
	ADDITIONAL INFO:	

COMMENTS JOHN: In the first sample from your Nomad we found iron and copper readings to be high. The higher than average iron is probably from the extended oil use interval, our universal averages show an oil run of ~1,600 mi for this type of engine, as iron tracks with miles on the oil. The copper could show poor bearing wear but is likely a particle streak that should clear up next time. We did find a little bit of fuel dilution but we don't consider it a problem until it reads above 2.0%. TBN read 5.6, still plenty of active additive. Check back in 3,000 mi to monitor iron and copper.

ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL	5,274	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR ON UNIT	17,274								
	SAMPLE DATE	07/15/06								
ALUMINUM	22	22								13
CHROMIUM	1	1								2
IRON	64	64								20
COPPER	56	56								12
LEAD	4	4								4
TIN	1	1								1
MOLYBDENUM	65	65								13
NICKEL	0	0								0
MANGANESE	1	1								0
SILVER	0	0								0
TITANIUM	0	0								0
POTASSIUM	0	0								1
BORON	130	130								29
SILICON	8	8								6
SODIUM	3	3								7
CALCIUM	2928	2928								2613
MAGNESIUM	51	51								76
PHOSPHORUS	1206	1206								905
ZINC	1488	1488								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					70-86	>400	<2.0	0	0.0	<0.6
	TESTED VALUES WERE					73.7	380	1.0	0.0	0.0	0.2