



P.O. NUMBER CC: MC (Prepaid)
 CODE: 20/23828/37

UNIT NUMBER D-06-VN900
 REPORT DATE: 10/12/06
 LAB NUMBER: C86826

OIL REPORT

UNIT

EQUIPMENT MAKE: Kawasaki
 EQUIPMENT MODEL: VN900
 FUEL TYPE: Gasoline (Unleaded)
 ADDITIONAL INFO: 2006
 OIL USE INTERVAL: 3,704 Miles
 OIL TYPE & GRADE: Mobil 1 15W/50
 MAKE-UP OIL ADDED: 0 qts

COMMENTS

DICK: Some types of engines tend to shear the VI improver in multi-grade oils and yours may be one of them. We found the viscosity just below the normal line for a 15W/50. This typically doesn't hurt anything, but it is interesting to watch. The silicon was above average (see universal average wear) due to the newness of the engine. We don't think it's abrasive and there is no corrective action required. Wear read nicely. Lots of miles in a short time period usually produces nice wear. Everything came up normal for your analysis. Use 3,000 normal miles next sample.

ELEMENTS IN PARTS PER MILLION

MI/HR ON OIL	3,704	UNIT / LOCATION AVERAGES								UNIVERSAL AVERAGES
MI/HR ON UNIT	5,181									
SAMPLE DATE	09/18/06									
ALUMINUM	14	14								13
CHROMIUM	1	1								2
IRON	12	12								14
COPPER	16	16								13
LEAD	2	2								4
TIN	0	0								1
MOLYBDENUM	90	90								42
NICKEL	0	0								0
MANGANESE	1	1								0
SILVER	0	0								0
TITANIUM	0	0								0
POTASSIUM	0	0								0
BORON	158	158								128
SILICON	15	15								7
SODIUM	5	5								4
CALCIUM	1960	1960								1678
MAGNESIUM	146	146								356
PHOSPHORUS	1296	1296								1262
ZINC	1421	1421								1358
BARIIUM	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 %	INSOLUBLES %
VALUES SHOULD BE					78-95	>380	<2.0	0	0.0	<0.6
TESTED VALUES WERE					75.8	390	<0.5	0.0	0.0	0.2