



OIL REPORT

LAB NUMBER: H87987

UNIT ID: 98 HONDA

REPORT DATE: 10/31/2016

CLIENT ID: ~~XXXXXXXXXX~~

CODE: 44/685

PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Honda Motorcycle VTR1000	OIL TYPE & GRADE: Mobil Racing 4T 10W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,300 Miles
	ADDITIONAL INFO: VTR100F	

CLIENT	DAVID KONDRET XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
	BISBEE, AZ 85603	FAX:
		ALT PHONE:
		EMAIL: XXXXXXXXXXXXXXXXXXXX

COMMENTS DAVID: There was a lot of aluminum and copper in this first sample from the VTR; aluminum's typically from pistons, copper from brass/bronze parts. These metals could also be from the clutch, depending on the type of plates and basket in use. Universal averages show typical metal levels for this type Honda engine at an oil use of about 3,600 miles. The oil was in good shape, with a correct viscosity and no sign of fuel or coolant contamination. The TBN was strong at 6.0, showing room for a longer run, but we suggest another 4,000 miles; check back then on metals.

	MI/HR on Oil	4,300	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	23,621							
	Sample Date	9/29/2016							
	Make Up Oil Added	0.5 qts							
ELEMENTS IN PARTS PER MILLION	ALUMINUM	34	34						8
	CHROMIUM	0	0						0
	IRON	12	12						14
	COPPER	10	10						4
	LEAD	1	1						2
	TIN	1	1						0
	MOLYBDENUM	76	76						99
	NICKEL	1	1						0
	MANGANESE	0	0						1
	SILVER	0	0						0
	TITANIUM	0	0						0
	POTASSIUM	2	2						4
	BORON	157	157						58
	SILICON	13	13						11
	SODIUM	5	5						6
	CALCIUM	1925	1925						2398
	MAGNESIUM	10	10						223
	PHOSPHORUS	1039	1039						959
	ZINC	1206	1206						1156
BARIUM	0	0						0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	69.6	65-76				
	cSt Viscosity @ 100°C	12.85	11.6-14.8				
	Flashpoint in °F	390	>375				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.2	<0.6				
	TBN	6.0	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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