OIL REPORT

LAB NUMBER: H51759 **UNIT ID:** STROM
REPORT DATE: 5/19/2016 **CLIENT ID:** 95673
CODE: 20/685 **PAYMENT:** CC: Visa

UNIT

MAKE/MODEL: Suzuki Motorcycle DL650 V-Twin
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: 2004
OIL TYPE & GRADE: Amsoil V-Twin 20W/50
OIL USE INTERVAL: 4,100 Miles

CLIENT

JOSHUA DOWNS
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COMMENTS

JOSHUA: Thanks for the notes - that small amount of make-up oil is really nothing to be concerned about. The far right column shows average results for the DL650 engine at 4,100 miles oil use. Your data shows above average aluminum and below average iron levels, relating to slightly worse piston wear and much better steel wear. We'd guess the off-road use may be causing that piston wear, but it's up by such a small amount it's of no concern. There was a harmless amount of fuel present, and the TBN was strong. Try 6,000 miles next and check back to see effects.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	4,100							
MI/HR on Unit	63,244							
Sample Date	1/31/2016							
Make Up Oil Added	0.33 qts							
ALUMINUM	18	18						13
CHROMIUM	1	1						1
IRON	10	10						26
COPPER	7	7						7
LEAD	1	1						2
TIN	0	0						1
MOLYBDENUM	38	38						41
NICKEL	1	1						1
MANGANESE	0	0						1
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	5	5						2
BORON	5	5						33
SILICON	5	5						11
SODIUM	4	4						10
CALCIUM	2970	2970						1753
MAGNESIUM	21	21						621
PHOSPHORUS	1065	1065						1050
ZINC	1311	1311						1231
BARIUM	0	0						0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	87.4	75-90					
cSt Viscosity @ 100°C	17.34	14.3-18.2					
Flashpoint in °F	**370**	>385					
Fuel %	0.8	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	0.0					
Insolubles %	0.1	<0.6					
TBN	8.4	>1.0					
TAN							
ISO Code							

*** THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE**

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