



# OIL REPORT

LAB NUMBER: H81244  
 REPORT DATE: 9/30/2016  
 CODE: 20/685

UNIT ID: STROM  
 CLIENT ID: 95673  
 PAYMENT: CC: Visa

<b>UNIT</b>	MAKE/MODEL: Suzuki Motorcycle DL650 V-Twin	OIL TYPE & GRADE: Amsoil Metric Motorcycle 10W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 6,500 Miles
	ADDITIONAL INFO: 2004	

<b>CLIENT</b>	JOSHUA DOWNS	PHONE: (940) 452-1721
	1940 MAYFLOWER DR	FAX:
	DALLAS, TX 75208	ALT PHONE:
		EMAIL: jeepinbanditriders@gmail.com

**COMMENTS**  
 JOSHUA: Thanks for the notes - with the change in duties we thought wear might be a little lower (highway miles are easier than off road miles), but wear did come up some. Of course, this was a longer run too, so that may explain the trend. Aluminum may show piston wear, but we don't see it as a problem - it's on the higher side, but actually down a bit on a per-mile basis, so let's just see where it goes next time before worrying. Other metals were fine, as was the TBN and oil's physical condition. Change this oil, then resample in another 6,500 to check on aluminum.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	6,500	<b>UNIT / LOCATION AVERAGES</b>	4,100					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	69,700		63,244					
	Sample Date	9/20/2016		1/31/2016					
	Make Up Oil Added	0.33 qts		0.33 qts					
ALUMINUM	27	23	18					14	
CHROMIUM	1	1	1					1	
IRON	15	13	10					25	
COPPER	13	10	7					7	
LEAD	2	2	1					2	
TIN	1	1	0					1	
MOLYBDENUM	52	45	38					42	
NICKEL	0	1	1					1	
MANGANESE	0	0	0					1	
SILVER	0	0	0					0	
TITANIUM	0	0	0					0	
POTASSIUM	2	4	5					2	
BORON	15	10	5					32	
SILICON	12	9	5					11	
SODIUM	6	5	4					9	
CALCIUM	3248	3109	2970					1768	
MAGNESIUM	20	21	21					616	
PHOSPHORUS	1177	1121	1065					1050	
ZINC	1452	1382	1311					1235	
BARIUM	0	0	0					0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	74.4	65-76	87.4				
	cSt Viscosity @ 100°C	14.10	11.6-14.8	17.34				
	Flashpoint in °F	400	>385	370				
	Fuel %	<0.5	<2.0	0.8				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	0.3	<0.6	0.1				
	TBN	7.7	>1.0	8.4				
	TAN							
	ISO Code							

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com