

OIL REPORT LAB NUMBER: **REPORT DATE:** 6/27/2018 **CODE:** 44/980

UNIT ID: CLIENT ID:

PAYMENT:

						Red Line Motorcycle 20W/50 5,000 Miles			
			PHONE FAX: ALT PH EMAIL:						
Copper and silicon we than just high copper of different, harmless sou relatively steady as of this oil typically uses s	when there's a se urce like oxides f late and the othe	erious issue go rom an oil cool er metals look o	ing on.We're er. In any eve quite good.W	e wondering if i ent, it's hard to /e're not sure v	nstead the ex call copper a vhy it was low	cess copper h problem, as it ver in 2015 and	as a 's been		
MI/HR on Oil	5,000		5,000	5,000	5,000	5,000	4,080		
MI/HR on Unit	30,000	UNIT /	25,000	20,000	15,000	10,000	5,140	UNIVERSAL	
Sample Date	6/18/2018	LOCATION	8/9/2017	10/12/2016	2/20/2016	6/14/2015	7/29/2014	AVERAGES	
Make Up Oil Added	0 qts	AVERAGES	0 qts	0 qts	0 qts	0 qts	0 qts		
ALUMINUM	2	6	8	1	3	5	13		
ALUMINUM CHROMIUM IRON	0	0	0	0	0	1	0		
IRON	4	9	6	5	8	12	11		
	84	156	72	75	132	263	278		
	2	5	1	1	4	6	12		
TIN	3	10	3	3	9	27	17		
MOLYBDENUM	430	307	461	403	456	375	21	(
MOLYBDENUM NICKEL MANGANESE	0	1	0	0	1	1	1		
MANGANESE	0	0	0	0	0	0	1		
SILVER	0	0	0	1	0	0	0		
	0	0	0	0	0	0	0		
TITANIUM POTASSIUM BORON	3	8	1	4	7	11	11		
BORON	13	98	23	13	15	48	258	1	
SILICON	28	18	24	8	10	11	14		
SODIUM	7	8	7	10	7	11	9		
CALCIUM	2395	2111	2528	2214	2703	2242	1286	18	
MAGNESIUM	10	249	12	16	45	156	726	4	
PHOSPHORUS	1648	1391	1703	1516	1676	1540	755	9	
ZINC	1980	1791	2177	1811	2315	2046	1107	11	
BARIUM	2	3	3	3	3	3	3		

Values							
Should Be*							

			Should Be						
SUS Vi	scosity @ 210°F	97.1	75-99	99.1	103.9	98.8		ISO CODE (2)	20/17
cSt Vise	cosity @ 100°C	19.67	14.3-20.4	20.14	21.26	20.08	E	NAS 1638 Class	12
G Flashpo	pint in °F	430	>385	410	420	430	S	ISO CODE (3)	24/20/17
Fuel %		<0.5	<2.0	<0.5	<0.5	<0.5	8	SAE AS4059 cpc	12
Antifree	ze %	-	0.0	-	-	-	Ш	4 Micron	95886.4
Water %	6	0.0	<0.1	0.0	0.0	0.0	5	6 Micron	7971.4
Insolub	es %	0.1	<0.6	0.2	TR	0.2	Ĕ	14 Micron	1139.4
TBN							AR	21 Micron	412.8
TAN							Р	38 Micron	42.4
ISO Co	de	24/20/17		24/20/15	24/18/14	24/21/14		70 Micron	2.2

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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