



OIL REPORT

LAB NUMBER: D46459
 REPORT DATE: 7/23/2008
 CODE: 20/284

UNIT ID: BONNIE
 CLIENT ID: 32052
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Triumph 865cc Bonneville	OIL TYPE & GRADE: Mobil 1 10W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 650 Miles
	ADDITIONAL INFO: 2008	

CLIENT	LES NADON	PHONE: (307) 778-7799
	7309 WILLSHIRE BLVD	FAX:
	CHEYENNE, WY 82009	ALT PHONE:
		EMAIL: les@mail.reallycooldude.com

COMMENTS
 LES: We haven't tested many 865cc Bonneville engines so we are still building our universal averages file. This is the factory oil out of your Triumph and we found high wear metals and silicon in it. That's a common find; they're from new parts wearing in and lubes/sealers used when the engine was built. However, lead, from bearings is higher than we typically see from a new engine, so some of the silicon may be abrasive. If you used octane booster that could explain the lead. Until your engine completes wear-in we suggest ~500-mile oil changes to help it reach maturity.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	650	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	650						
	Sample Date	07/13/08						
	Make Up Oil Added	0 qts						
ALUMINUM	6	6					14	
CHROMIUM	0	0					1	
IRON	11	11					25	
COPPER	6	6					13	
LEAD	36	36					8	
TIN	3	3					1	
MOLYBDENUM	3	3					18	
NICKEL	9	9					1	
MANGANESE	1	1					1	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	1	1					1	
BORON	36	36					134	
SILICON	24	24					15	
SODIUM	3	3					10	
CALCIUM	2216	2216					2062	
MAGNESIUM	172	172					424	
PHOSPHORUS	1080	1080					962	
ZINC	1386	1386					1151	
BARIUM	3	3					1	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	68.4	66-74				
	cSt Viscosity @ 100°C	12.52	11.9-14.3				
	Flashpoint in °F	420	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	-	0				
	Water %	0.0	0.0				
	Insolubles %	0.1	<0.7				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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