



OIL REPORT

LAB NUMBER: F13193

UNIT ID: HUSTLER PORT

REPORT DATE: 7/31/2012

CLIENT ID: 57125

CODE: 44/75

PAYMENT: Prepaid

UNIT	MAKE/MODEL: Chevy 502 CID	OIL TYPE & GRADE: Gasoline Oil
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 13 Hours
	ADDITIONAL INFO: Supercharged	

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COMMENTS ROB: These clearly aren't your normal run-of-the-mill engines. These twin supercharged monsters deliver a lot of power, so they're probably going to vary from universal averages, which show normal wear for a stock 502 after around 30 hours on the oil. Until trends build, we're not entirely sure how metals should read, but it's entirely possible these engines are making too much metal. Iron is from steel, and copper and lead are probably from bearings (or lead is from leaded fuel). This engine has more metal than the other, but it saw a longer oil run.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	13	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	111						
	Sample Date	07/23/12						
	Make Up Oil Added							
ALUMINUM	7	6					24	
CHROMIUM	4	3					2	
IRON	57	50					53	
COPPER	131	101					61	
LEAD	176	141					25	
TIN	0	0					0	
MOLYBDENUM	2	3					78	
NICKEL	1	1					2	
MANGANESE	1	1					2	
SILVER	0	0					0	
TITANIUM	0	0					25	
POTASSIUM	1	3					7	
BORON	11	13					26	
SILICON	11	9					20	
SODIUM	18	85					182	
CALCIUM	2361	2425					1623	
MAGNESIUM	9	10					439	
PHOSPHORUS	970	1036					1175	
ZINC	1034	1079					1325	
BARIUM	4	2					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	65.6					
	cSt Viscosity @ 100°C	11.78					
	Flashpoint in °F	SHORT	>385				
	Fuel %	-	<3.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.2				
	Insolubles %	0.3	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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