



OIL REPORT

LAB NUMBER:
 REPORT DATE: 12/28/2016
 CODE: 63/37

UNIT ID:
 CLIENT ID:
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: GM LT-4 6.2L V-8	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 495 Miles
	ADDITIONAL INFO: Chevy Callaway Corvette, Supercharger kit	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS For a brand-new new engine, this one looks good. Metals all read around averages, which is impressive - usually there's more break-in stuff right at the start like this. Silicon is present, and it's from harmless sealers. It will wash out soon. Universal averages show typical wear levels for the LT-4 engine after about 2,200 miles on the oil. Insolubles are quite good at 0.1%, so this oil is not overly oxidized and the oil filter is taking care of the majority of the solids that do form. No fuel or other contaminants found. Your Corvette is off to a good start at 495 miles!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	495	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	495						
	Sample Date	12/17/2016						
	Make Up Oil Added	0 qts						
ALUMINUM	4	5					6	
CHROMIUM	0	1					1	
IRON	12	16					21	
COPPER	13	10					7	
LEAD	0	0					3	
TIN	1	1					1	
MOLYBDENUM	67	76					99	
NICKEL	0	0					0	
MANGANESE	2	13					2	
SILVER	0	0					0	
TITANIUM	1	0					1	
POTASSIUM	3	3					2	
BORON	74	115					77	
SILICON	78	44					24	
SODIUM	8	5					5	
CALCIUM	1136	1470					1403	
MAGNESIUM	647	554					553	
PHOSPHORUS	631	715					772	
ZINC	746	793					885	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	60.6	55-62				
	cSt Viscosity @ 100°C	10.38	8.8-11.1				
	Flashpoint in °F	440	>365				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.1	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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