



OIL REPORT

LAB NUMBER: K38410
 REPORT DATE: 7/23/2018
 CODE: 20/133

UNIT ID: 14 COVETTE
 CLIENT ID: 18669
 PAYMENT: Bulk CC

UNIT	MAKE/MODEL: GM LT-1 6.2L V-8	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 11,104 Miles
	ADDITIONAL INFO: Chevy	

CLIENT	MIKE BRIDGES	PHONE: (817) 219-1241
	209 MEADOW LAKE DR	FAX:
	HOT SPRINGS, AR 71913	ALT PHONE: (817) 832-0648
		EMAIL: vettedrnr2@gmail.com

COMMENTS MIKE: Hopefully you had a great trip! The engine looks like it handled the extra miles just fine. Metals are mostly steady compared to last time, though iron did increase a bit. That's to be expected, though. Iron tends to read higher on longer intervals. This reading is just now meeting average, but keep in mind that averages are based on just 4,000 miles on the oil and this oil run was a whole lot longer than that. In other words, the steel parts in your engine are wearing impressively well. Other metals look great, and no contamination was found. Try 13,000 miles.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	11,104	UNIT / LOCATION AVERAGES	7,434	UNIVERSAL AVERAGES
	MI/HR on Unit	102,137		91,033	
	Sample Date	7/9/2018		8/2/2017	
	Make Up Oil Added	0 qts		0 qts	
ALUMINUM	3	3	3	4	
CHROMIUM	1	1	1	1	
IRON	21	16	11	21	
COPPER	2	2	1	6	
LEAD	0	0	0	0	
TIN	0	0	0	0	
MOLYBDENUM	79	81	82	71	
NICKEL	0	0	0	0	
MANGANESE	0	0	0	1	
SILVER	0	0	0	0	
TITANIUM	0	0	0	3	
POTASSIUM	1	1	1	3	
BORON	50	56	62	75	
SILICON	6	8	10	20	
SODIUM	3	3	3	20	
CALCIUM	974	983	992	1363	
MAGNESIUM	707	742	777	501	
PHOSPHORUS	784	729	673	733	
ZINC	857	825	793	841	
BARIUM	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	59.3	55-62	57.8
	cSt Viscosity @ 100°C	10.03	8.8-11.1	9.59
	Flashpoint in °F	395	>375	390
	Fuel %	<0.5	<2.0	<0.5
	Antifreeze %	0.0	0.0	0.0
	Water %	0.0	0.0	0.0
	Insolubles %	0.3	<0.6	0.4
	TBN			
	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