



OIL REPORT

LAB NUMBER: K25758
 REPORT DATE: 6/6/2018
 CODE: 20/32

UNIT ID: 2013 427 CORVETTE
 CLIENT ID: 124966
 PAYMENT: CC: AmEx

UNIT	MAKE/MODEL: GM LS-7 7.0L V-8	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,200 Miles
	ADDITIONAL INFO: Chevy	

CLIENT	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS ROB: These results don't point to any issues brewing under the hood of your Corvette. Universal averages show typical LS-7 wear after putting ~2,800 miles on the oil. Compared to those, you've got a little more iron, but not enough to make us suspect trouble at steel parts (which includes the exhaust valve guides). Not all engines wear exactly alike, and this "extra" iron may be from operational factors. Titanium, from intake valves and connecting rods, is low at 0 ppm. No fuel or coolant was found and the viscosity is in spec. Nice first report! This oil can see some more use.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,200	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	6,200						
	Sample Date	5/11/2018						
	Make Up Oil Added	0 qts						
ALUMINUM	4	4					4	
CHROMIUM	0	0					1	
IRON	42	42					32	
COPPER	2	2					5	
LEAD	0	0					7	
TIN	0	0					1	
MOLYBDENUM	110	110					105	
NICKEL	0	0					1	
MANGANESE	5	5					4	
SILVER	0	0					0	
TITANIUM	0	0					2	
POTASSIUM	1	1					3	
BORON	81	81					88	
SILICON	6	6					10	
SODIUM	3	3					15	
CALCIUM	1174	1174					1916	
MAGNESIUM	696	696					375	
PHOSPHORUS	726	726					792	
ZINC	816	816					912	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	58.6	55-62				
	cSt Viscosity @ 100°C	9.81	8.8-11.1				
	Flashpoint in °F	435	>365				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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