



OIL REPORT

LAB NUMBER: M30401
 REPORT DATE: 6/4/2020
 CODE: 169/68

UNIT ID: 95 CORVETTE
 CLIENT ID: 142197
 PAYMENT: CC: MC

UNIT	MAKE/MODEL: GM LT-1 5.7L 350 CID V-8	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 2,650 Miles
	ADDITIONAL INFO:	

CLIENT	[Redacted Client Information]	
	[Redacted Client Information]	

COMMENTS MICHAEL: Thanks for the notes. Your engine doesn't mind only running six months out of the year. In fact, most modern engines like your LT-1 don't. It's the miles that really count when it comes to engine wear and oil life, and this 2,650-mile sample wasn't too much for this Vette. Wear levels are low compared to the LT-1 universal averages, which show typical wear for that engine type after a just slightly longer 3,400-mile oil run, so internal parts are doing great. No contamination was found, and the oil held up well with a correct viscosity. Nice first report!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,650	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	88,450						
	Sample Date	5/20/2020						
	Make Up Oil Added	0 qts						
	ALUMINUM	4	4					4
	CHROMIUM	1	1					1
	IRON	17	17					21
	COPPER	3	3					6
	LEAD	5	5					10
	TIN	1	1					2
	MOLYBDENUM	75	75					80
	NICKEL	1	1					1
	MANGANESE	0	0					3
	SILVER	0	0					0
	TITANIUM	0	0					0
	POTASSIUM	1	1					2
	BORON	58	58					54
	SILICON	24	24					22
	SODIUM	9	9					27
	CALCIUM	1014	1014					1938
	MAGNESIUM	708	708					262
	PHOSPHORUS	643	643					734
	ZINC	751	751					860
	BARIUM	0	0					0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	56.6	55-63				
	cSt Viscosity @ 100°C	9.25	8.8-11.3				
	Flashpoint in °F	405	>375				
	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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