



OIL REPORT

LAB NUMBER: M83178 UNIT ID: 19 CAMARO
 REPORT DATE: 11/13/2020 CLIENT ID: 112833
 CODE: 63/68 PAYMENT: Prepaid

UNIT	MAKE/MODEL: GM LT-1 6.2L V-8	OIL TYPE & GRADE: Castrol Edge 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,000 Miles
	ADDITIONAL INFO: Track Driven	

CLIENT	PHONE: [REDACTED]
	FAX: [REDACTED]
	ALT PHONE: [REDACTED]
	EMAIL: [REDACTED]
	[REDACTED]

COMMENTS JAMES: Thanks for mentioning track use. That's good to know about in case we find some extra wear or a high lead level (from leaded fuel blow-by), but this sample doesn't show anything of the sort. Wear metals are quite low, and in a balance that is perfect compared to averages. On the far right, averages show typical results for these V8s after a 4,000-mile run. You went a bit longer yet still have metals at low levels so this engine isn't struggling to handle track use or whatever else it's come across in the past 5,000 miles. The viscosity is on target. Great report!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	20,000						
	Sample Date	10/21/2020						
	Make Up Oil Added	0 qts						
	ALUMINUM	3	3					4
	CHROMIUM	1	1					1
	IRON	15	15					19
	COPPER	4	4					4
	LEAD	0	0					1
	TIN	1	1					0
	MOLYBDENUM	2	2					88
	NICKEL	0	0					0
	MANGANESE	1	1					2
	SILVER	0	0					0
	TITANIUM	34	34					3
	POTASSIUM	4	4					2
	BORON	58	58					92
	SILICON	6	6					16
	SODIUM	5	5					12
	CALCIUM	2487	2487					1406
	MAGNESIUM	15	15					447
	PHOSPHORUS	903	903					738
	ZINC	970	970					833
	BARIUM	0	0					0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	64.0	60-74				
	cSt Viscosity @ 100°C	11.33	10.2-14.3				
	Flashpoint in °F	410	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	TR	<0.6				
	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