



OIL REPORT

LAB NUMBER: K47543

UNIT ID: 13 Z06

REPORT DATE: 8/23/2018

CLIENT ID: 100320

CODE: 20/685

PAYMENT: CC: MC

UNIT

MAKE/MODEL: GM LS-7 7.0L V-8
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: Chevy Corvette

OIL TYPE & GRADE: Amsoil Signature Series 5W/30
OIL USE INTERVAL: 9,377 Miles

CLIENT

SANDY MANDEL
1 COUNTRY COURT
WOODBIDGE, CT 06525

PHONE: (203) 980-2881
FAX:
ALT PHONE:
EMAIL: IROC_Z28_L98TPI@HOTMAIL.COM

COMMENTS

SANDY: You're good on all fronts again in this second sample. Intake valve wear would show up as high titanium and that metal looks good. Exhaust valve wear would show as high iron and that metal also looks great (which also bodes well for the other steel parts in your engine too). Sure, iron is a little higher than last time, but not any higher than we'd expect considering the extra miles on this sample. The TBN dropped just slightly, but 5.0 is still a very strong reading. No contamination was found. Great report. Feel free to try 11,000 miles next.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	9,377	UNIT / LOCATION AVERAGES	7,974					UNIVERSAL AVERAGES
	MI/HR on Unit	62,677							
	Sample Date	8/14/2018		9/7/2016					
	Make Up Oil Added	0 qts		0.125 qts					
	ALUMINUM	5	5	4					4
	CHROMIUM	0	0	0					1
	IRON	15	13	11					32
	COPPER	1	1	1					5
	LEAD	0	0	0					7
	TIN	0	0	0					1
	MOLYBDENUM	143	141	138					104
	NICKEL	0	0	0					1
	MANGANESE	0	0	0					3
	SILVER	0	0	0					0
	TITANIUM	0	0	0					2
	POTASSIUM	1	2	2					3
	BORON	114	118	121					88
	SILICON	8	7	6					10
	SODIUM	9	10	11					15
	CALCIUM	3106	3108	3110					1900
	MAGNESIUM	13	14	14					381
	PHOSPHORUS	657	630	603					792
	ZINC	693	708	722					910
	BARIUM	0	0	0					0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	60.3	56-63	59.2				
	cSt Viscosity @ 100°C	10.30	9.1-11.3	9.98				
	Flashpoint in °F	405	>375	420				
	Fuel %	<0.5	<2.0	<0.5				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	0.1	<0.6	0.2				
	TBN	5.0	>1.0	5.1				
	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