



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	OIL TYPE & GRADE: Amsoil Signature Series 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 9,377 Miles
	ADDITIONAL INFO: Chevy Corvette	

CLIENT	SANDY MANDEL	PHONE: (203) 980-2881
	1 COUNTRY COURT	FAX:
	WOODBIDGE, CT 06525	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

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