



OIL REPORT

LAB NUMBER: K92263
 REPORT DATE: 2/8/2019
 CODE: 20/685

UNIT ID: BB2LS7
 CLIENT ID: 73543
 PAYMENT: CC: MC

UNIT	MAKE/MODEL: GM LS-7 7.0L V-8	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,229 Miles
	ADDITIONAL INFO: 2012 Chevy Corvette Z06	

CLIENT	HIB HALVERSON	PHONE: (805) 685-6864
	SHARK COMMUNICATIONS	FAX:
	228 SAN NAPOLI DR.	ALT PHONE:
	GOLETA, CA 93117	EMAIL: finspeed@netmotive.net

COMMENTS
 HIB: Thanks for the note about the titanium rods and overhaul. This is a pretty normal sample for an engine that just went through the break-in period. Iron is fine. Chrome is on the high side, but just about anything can turn up in the first oil after an overhaul, so we'll just watch that next time. We expect chrome will drop, along with iron and silicon (which is from sealers). The TBN is strong at 6.7 and the break-in stuff isn't really hurting anything so it would be okay to run this oil a while longer. Metal will accumulate with time, of course, so you don't want to go too long.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,229	UNIT / LOCATION AVERAGES	9,957	5,683	15,234	UNIVERSAL AVERAGES
	MI/HR on Unit	4,229		27,456	23,182	16,334	
	Sample Date	1/30/2019		9/30/2015	10/22/2014	4/15/2014	
	Make Up Oil Added	3.0125 qts		.75 qts	0.375 qts	1.5 qts	
ALUMINUM	5	3	2	1	2	4	
CHROMIUM	30	8	1	0	1	1	
IRON	72	44	27	13	63	31	
COPPER	6	5	3	1	11	5	
LEAD	7	2	1	0	1	6	
TIN	2	1	1	2	0	1	
MOLYBDENUM	89	446	484	500	710	104	
NICKEL	3	1	1	0	1	1	
MANGANESE	2	2	1	0	3	4	
SILVER	0	0	0	1	0	0	
TITANIUM	4	1	0	0	0	2	
POTASSIUM	4	3	0	2	6	3	
BORON	81	77	70	78	80	89	
SILICON	18	23	22	16	34	9	
SODIUM	4	12	18	13	14	15	
CALCIUM	1141	2169	2393	2360	2780	1863	
MAGNESIUM	783	266	86	86	108	392	
PHOSPHORUS	769	1070	1147	1145	1219	794	
ZINC	862	1142	1208	1137	1362	908	
BARIUM	0	0	0	0	1	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	60.4	55-63	64.5	59.3	59.4
	cSt Viscosity @ 100°C	10.32	8.8-11.3	11.46	10.02	10.05
	Flashpoint in °F	410	>375	430	405	SHORT
	Fuel %	<0.5	<2.0	<0.5	<0.5	-
	Antifreeze %	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.2	0.1	0.1
	TBN	6.7	>1.0	3.8	6.7	2.6
	TAN					
	ISO Code					

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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