OIL REPORT

LAB NUMBER:
REPORT DATE: 3/23/2015
CODE: 44/648

UNIT ID: 15 CORVETTE
CLIENT ID:
PAYMENT:

UNIT

EQUIP. MAKE/MODEL: GM LT-1 6.2L V-8 (Stingray)
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: Mobil 1 5W/20 Extended
OIL USE INTERVAL: 3,502 Miles

CLIENT

PHONE:
FAX:
ALT PHONE:
EMAIL:

COMMENTS

This second sample from your Corvette looks really good. After a longer oil use interval, all wear metals either improve(or remained steady from last time. We highlighted silicon again because it's still more than twice the average level, but you can bet we were thrilled to see how much it decreased in this sample. The TBN was strong at 6.7, showing plenty o active additive remaining, and the particle count was clean. It's obvious those FilterMAG SS300s are doing a great job, with insolubles at 0.1% after 3,500 miles. This 6.2L V-8 is one well-oiled machine, for sure.

ELEMENTS IN PARTS PER MILLION

MI/HR on Oil	3,502	UNIT / LOCATION AVERAGES	2,230					UNIVERSAL AVERAGES
MI/HR on Unit	5,732		2,230					
Sample Date	03/15/15		01/18/15					
Make Up Oil Added	0 qts		0 qts					
ALUMINUM	3	4	5					6
CHROMIUM	1	1	1					2
IRON	17	26	35					34
COPPER	8	18	28					40
LEAD	0	1	1					2
TIN	0	0	0					1
MOLYBDENUM	76	72	68					81
NICKEL	0	1	2					0
MANGANESE	1	2	2					2
SILVER	0	0	0					0
TITANIUM	0	0	0					0
POTASSIUM	4	6	7					4
BORON	84	84	84					80
SILICON	**24**	59	**93**					41
SODIUM	2	4	6					7
CALCIUM	1143	1096	1048					1453
MAGNESIUM	876	712	548					555
PHOSPHORUS	695	663	630					724
ZINC	820	739	657					841
BARIUM	0	0	0					0

PROPERTIES

		Values Should Be*			
SUS Viscosity @ 210°F	55.9	46-59	55.6		
cSt Viscosity @ 100°C	9.04	6.0-10.2	8.96		
Flashpoint in °F	405	>355	375		
Fuel %	<0.5	<2.0	<0.5		
Antifreeze %	0.0	0.0	0.0		
Water %	0.0	<0.1	0.0		
Insolubles %	0.1	<0.6	0.2		
TBN	6.7	>1.0	6.1		
TAN					
ISO Code	17/16/14		16/15/12		

PARTICLE COUNT

ISO CODE (2)	17/14
NAS 1638 Class	2
ISO CODE (3)	17/16/14
>= 2 Micron	2,146
>= 5 Micron	795
>= 10 Micron	220
>= 15 Micron	85
>= 25 Micron	20
>= 50 Micron	1
>= 100 Micron	0

*** THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE**

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