OIL REPORT

LAB NUMBER: **UNIT ID:**
REPORT DATE: 4/29/2015 **CLIENT ID:**
CODE: 44/646 **PAYMENT:**

UNIT

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

OIL TYPE & GRADE: Mobil 1 5W/30 Extended
OIL USE INTERVAL: 4,178 Miles

CLIENT

PHONE:
FAX:
ALT PHONE:
EMAIL:

COMMENTS

This is the particle count retest for the 3/15/15 sample from your Stingray. It read at 17/16/13, which is pretty close to the 17/16/14 from last time. No other tests were run on this sample.

ELEMENTS IN PARTS PER MILLION

MI/HR on Oil	4,178	UNIT / LOCATION AVERAGES	3,502	2,230				UNIVERSAL AVERAGES
MI/HR on Unit	6,408		5,732	2,230				
Sample Date	4/12/2015		3/15/2015	1/18/2015				
Make Up Oil Added	0 qts		0 qts	0 qts				
ALUMINUM		4	3	5				5
CHROMIUM		1	1	1				1
IRON		26	17	35				27
COPPER		18	8	28				25
LEAD		1	0	1				1
TIN		0	0	0				0
MOLYBDENUM		72	76	68				78
NICKEL		1	0	2				0
MANGANESE		2	1	2				1
SILVER		0	0	0				0
TITANIUM		0	0	0				0
POTASSIUM		6	4	7				3
BORON		84	84	84				87
SILICON		59	**24**	**93**				30
SODIUM		4	2	6				6
CALCIUM		1096	1143	1048				1381
MAGNESIUM		712	876	548				570
PHOSPHORUS		663	695	630				769
ZINC		739	820	657				897
BARIUM		0	0	0				0

PROPERTIES

		Values Should Be*			
SUS Viscosity @ 210°F		56-63	55.9	55.6	
cSt Viscosity @ 100°C		9.1-11.3	9.04	8.96	
Flashpoint in °F		>365	405	375	
Fuel %		<2.0	<0.5	<0.5	
Antifreeze %		0.0	0.0	0.0	
Water %		0.0	0.0	0.0	
Insolubles %		<0.6	0.1	0.2	
TBN			6.7	6.1	
TAN					
ISO Code	17/16/13		17/16/14	16/15/12	

PARTICLE COUNT

ISO CODE (2)	16/13
NAS 1638 Class	8
ISO CODE (3)	17/16/13
>= 2 Micron	1,666
>= 5 Micron	617
>= 10 Micron	170
>= 15 Micron	66
>= 25 Micron	15
>= 50 Micron	1
>= 100 Micron	0

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

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