



# OIL REPORT

LAB NUMBER: G61484  
 REPORT DATE: 2/20/2015  
 CODE: 20/75

UNIT ID: 07 TAHOE  
 CLIENT ID: [REDACTED]  
 PAYMENT: CC: Visa

<b>UNIT</b>	MAKE/MODEL: GM 5.3L V-8	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,055 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	JEFFREY [REDACTED]	PHONE: [REDACTED]
	[REDACTED]	FAX:
		ALT PHONE:
		EMAIL: [REDACTED]

**COMMENTS** JEFFREY: You used a shorter oil run this time and metals look better. Iron and lead are in the average range, so we're not as worried about wear at steel parts and the bearings. Copper is still a bit elevated, but it too came down a little. Maybe your engine is happier with slightly shorter intervals, or maybe we were just seeing high metals due to hard use last time. In any case, we're not seeing any mechanical problems in these numbers. The viscosity was fine and no measurable contamination was found. Try 6,000 miles on the next fill and check back for another look.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	5,055	UNIT / LOCATION AVERAGES	8,500					
	MI/HR on Unit	103,055		98,700					UNIVERSAL AVERAGES
	Sample Date	02/07/15		08/07/14					
	Make Up Oil Added	1 qt		0.5 qts					
ALUMINUM	2	3	3						3
CHROMIUM	1	1	1						1
IRON	25	35	44						19
COPPER	34	37	39						27
LEAD	5	14	23						7
TIN	0	0	0						1
MOLYBDENUM	78	80	82						73
NICKEL	1	1	1						1
MANGANESE	1	2	2						5
SILVER	0	0	0						0
TITANIUM	0	0	0						1
POTASSIUM	3	3	3						4
BORON	46	46	45						46
SILICON	9	13	17						11
SODIUM	3	4	5						51
CALCIUM	1005	1012	1019						2080
MAGNESIUM	730	732	734						183
PHOSPHORUS	646	650	654						698
ZINC	719	761	802						830
BARIUM	0	0	0						0

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	59.6	55-62	58.8				
	cSt Viscosity @ 100°C	10.10	8.8-11.1	9.89				
	Flashpoint in °F	395	>365	395				
	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	0.1				
	TBN			3.4				
	TAN							
	ISO Code							

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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