



OIL REPORT

LAB NUMBER: G93311
 REPORT DATE: 8/4/2015
 CODE: 96/75

UNIT ID: GMC MOTORHOME
 CLIENT ID: 57872
 PAYMENT: Prepaid

UNIT	MAKE/MODEL: Oldsmobile 455 CID V-8	OIL TYPE & GRADE: Chevron Delo 15W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,000 Miles
	ADDITIONAL INFO: 1974	

CLIENT	GEORGE BECKMAN	PHONE: (559) 706-3485
	26020 HWY 174	FAX:
	COLFAX, CA 95677	ALT PHONE:
		EMAIL:

COMMENTS GEORGE: Thanks for the note. Be sure to check the "Please send more containers" box next time, so we'll be sure to get kits sent out to you and you won't be caught empty-handed at the next oil change after that. The main things to note in this report are the increases in copper and lead. Together, those metals show wear from bronze parts, and since lead is actually reading a little higher than copper, the bearings are a likely source. The other metals held steady, and silicon is better than before, but the viscosity is high for 15W40 oil. Check back next time to monitor.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES	3,200					
	MI/HR on Unit	30,000		4,000					UNIVERSAL AVERAGES
	Sample Date	7/23/2015		9/26/2011					
	Make Up Oil Added			3 qts					
ALUMINUM	12	12	12						7
CHROMIUM	2	2	2						2
IRON	30	31	31						40
COPPER	70	41	12						22
LEAD	73	47	20						42
TIN	2	2	2						2
MOLYBDENUM	79	87	94						68
NICKEL	4	3	1						1
MANGANESE	1	2	2						2
SILVER	0	0	0						0
TITANIUM	0	0	0						0
POTASSIUM	7	6	4						7
BORON	205	321	437						46
SILICON	17	21	24						13
SODIUM	17	15	12						64
CALCIUM	2449	2175	1900						2243
MAGNESIUM	276	381	486						267
PHOSPHORUS	992	1076	1159						1140
ZINC	1334	1386	1437						1360
BARIUM	0	0	0						2

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	90.3	68-78	77.6					
	cSt Viscosity @ 100°C	18.06	12.4-15.3	14.91					
	Flashpoint in °F	400	>390	430					
	Fuel %	<0.5	<2.0	<0.5					
	Antifreeze %	0.0	0.0	0.0					
	Water %	0.0	<0.1	0.0					
	Insolubles %	0.2	<0.6	0.3					
	TBN								
	TAN								
	ISO Code								

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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