

**UNIT ID**  
K25743 E  
**SECOND ID**  
1GCHK23DX7F177119 2007 SILVERA  
**UNIT TYPE**  
DIESEL ENGINE  
**APPLICATION**  
TRANSPORTATION

# Oil Analyzers INC.

**COMPANY INFORMATION**  
MONTY SHINDLER

209-869-5472  
6049 LONESTAR LN  
RIVERBANK , CA 95367

**ACCOUNT NUMBER** OILANA75005456  
**DATE SAMPLED** 03/19/10  
**DATE RECEIVED** 03/26/10  
**DATE COMPLETED** 03/29/10

**TRACKING #** 09269Y01054  
**MANUFACTURER/MODEL** GENERAL MOTORS  
**LUBE MFR** AMSOIL  
**LUBE TYPE - GRADE** AME SYN HD DIESEL \_ MARINE OIL SAE 15W40  
**MICRON RATING** 2  
**FILTER TYPE** BYPASS  
**SUMP CAPACITY** 3.00  
**HYD SYSTEM PRESSURE** 0  
**FLUID ADDED** 1

**OVERALL SEVERITY OF REPORT**  
based on comments, not individual flags



**LAB #** 542755    **LOCATION** I    **ANALYST** KRM

**FLUID ANALYSIS REPORT - 877-458-3315**

**COMMENTS** Data flagged for observation only; Copper is at a MODERATE LEVEL; Bushing/thrust metal and/or most of the copper may be coming from lube cooler (as applicable); Please provide unit model number so we may compare data to the proper standards for this unit; Oil is suitable for continued use. Re-sample in 7,000 miles or 125 hours.

SAMP #	WEAR METALS PPM										CONTAMINANT METALS - PPM				MULTI-SOURCE METALS - PPM					ADDITIVE METALS PPM				
	IRON	CHROMIUM	NICKEL	ALUMINUM	COPPER	LEAD	TIN	CADMIUM	SILVER	VANADIUM	SILICON	SODIUM	POTASSIUM	TITANIUM	MOLYBDENUM	ANTIMONY	MANGANESE	LITHIUM	BORON	MAGNESIUM	CALCIUM	BARIUM	PHOSPHORUS	ZINC
3	52	1	0	2	619	2	4	0	0	0	17	10	3	0	16	0	0	0	5	14	3746	1	1144	1363
2	47	1	0	2	624	1	3	0	0	0	17	8	3	0	16	0	0	0	5	14	3435	3	1072	1219
1	7	0	0	4	41	3	2		1	0	28	0	0	0	312				120	100	3645	0	1455	1559

SAMP #	DATE SAMPLED	DATE RECEIVED	UNIT LUBE TIME	LUBE CHG	FILTER CHG	FUELEST	SOOT Vol.	WATER Infrared	VIS 40C CS	VIS 100C CS	TAN Total Acid	TBN Total Base	I-R OXIDA	I-R NITRA	ISO CODE	4	6	10	14	21	38	70	100	
																MICRON	MICRON	MICRON	MICRON	MICRON	MICRON	MICRON		
3	03/19/10	03/26/10	33840	1092	N	N	<1%	0.3%	<.1		13.9		9.84	40	21									
2	10/26/09	11/02/09	28721	957	N	N	<1%	0.1%	<.1		14.0		5.80	19	11									
1	12/02/07	12/10/07	6191	3066	N	U	<1%	0.1%	<.1		13.6		9.24											

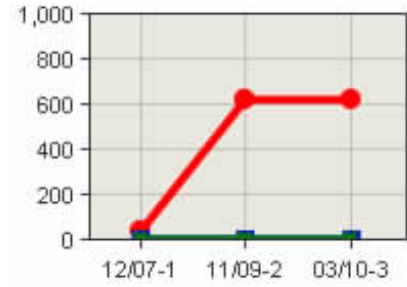
SAMP #																								
3																								
2																								
1																								

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Missing lube or unit time limits the evaluation. No warranty is expressed or implied.

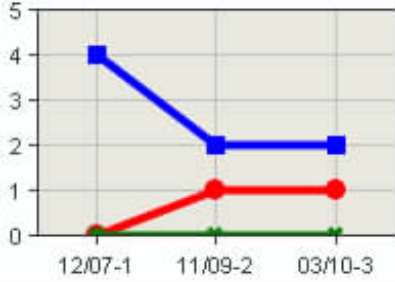
Iron - Silicon



Copper - Lead - Tin



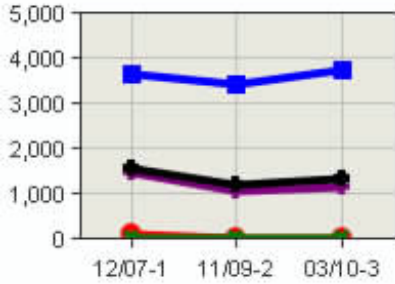
Chromium - Aluminum - Nickel



Silicon - Sodium - Potassium - Molybdenum



Magnesium - Calcium - Barium - Phosphorus - Zinc



IROxidation - IRNnitration



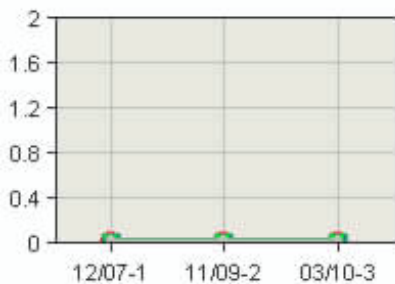
FuelSoot



Viscosity40C - Viscosity100C



MICRONPC1 - MICRONPC2 - MICRONPC3 - MICRONPC4 - MICRONPC5 - MICRONPC6 - MICRONPC7 - MICRONPC8



TANV - TBN

