

PRINT REPORT

COMPANY INFORMATION

UNIT ID:
SILVERADO E
SECOND ID



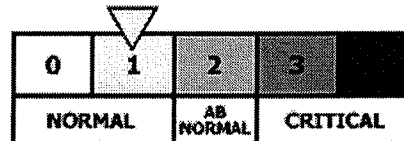
POLARIS
Laboratories, LLC

ANCHORAGE, AK

UNIT TYPE
UNLEADED GASOLINE ENGINE
APPLICATION
UNKNOWN

ACCOUNT NUMBER: POLARI03000295
DATE SAMPLED: 02/23/08
DATE RECEIVED: 02/29/08
DATE COMPLETED: 02/29/08

OVERALL SEVERITY OF REPORT
based on comments, not individual flags



TRACKING #: [REDACTED]
MANUFACTURER/MODEL: GENERAL MOTORS
LUBE MFR:
LUBE TYPE - GRADE: SAE 5W30
MICRON RATING: 15
FILTER TYPE: FULLFLOW
SUMP CAPACITY: 00002
HYD SYSTEM PRESSURE: 0
FLUID ADDED: 1

LAB # 213360 LOCATION S ANALYST JUK

FLUID ANALYSIS REPORT - 877-808-3750

COMMENTS: Flagged data may be 'wear-in' or contamination from overhauled or new unit; Silicon/Dirt may be present due to new unit contamination; COPPER is most likely LEACHING into the oil via the OIL COOLER core tubing. This typically DOES NOT REQUIRE MAINTENANCE ACTION unless there is evidence of COOLANT in the oil; Iron is at a MINOR LEVEL; Infrared results indicate that NITRATION is at a MINOR LEVEL; In order to answer your question regarding the product, we recommend submitting a known new lube (virgin) sample for comparison; Lubricant change acknowledged;

SAMP #	WEAR METALS PPM										CONTAMINANT METALS - PPM				MULTI-SOURCE METALS - PPM				ADDITIVE METALS PPM				
	IRON	CHROMIUM	NICKEL	ALUMINUM	COPPER	LEAD	TIN	CADMIUM	SILVER	TITANIUM	VANADIUM	SILICON	SODIUM	POTASSIUM	MOLYBDENUM	ANTIMONY	MANGANESE	LITHIUM	BORON	MAGNESIUM	CALCIUM	BARIUM	PHOSPHORUS
1	105	2	1	5	494	24	3	0	0	0	182	11	8	95	1	25	0	66	18	2368	0	693	809

SAMP #	DATE SAMPLED	UNIT TIME	LUBE CHG	FILTER CHG	FUEL Vol.	SOOT Vol.	WATER Infrared	VIS 40C CS	VIS 100C CS	TAN Total Acid	TBN Total Base	I-R OXIDATION	I-R NITRATION	ISO CODE	4	6	10	14	21	38	70	100	
	DATE RECEIVED	LUBE TIME													MICRON	MICRON	MICRON	MICRON	MICRON	MICRON			
1	02/23/08	607	Y	U	1.3	0.0	0.00		9.60			11.0	20.0										
	02/29/08	607																					

SAMP #	1																						
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.