BLACKSTONE LABORATORIES

OIL REPORT

LAB NUMBER: D53901 **UNIT ID:** 03 GMC
REPORT DATE: 10/2/2008 **CLIENT ID:** 32959
CODE: 20/286 **PAYMENT:** Prepaid

UNIT

MAKE/MODEL: GM 5.3L 327 CI V-8
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: Sierra

OIL TYPE & GRADE: Amsoil 5W/30
OIL USE INTERVAL: 10,261 Miles

CLIENT

RYAN REILING
[redacted]

PHONE: [redacted]
FAX:
ALT PHONE:
EMAIL: [redacted]

COMMENTS

RYAN: Though all the metals in your engine will increase when you run your oil longer, iron is the one that we notice the most, because it tends to read highest in the first place. For an oil run more than 10,000 miles, we think your data looks good. Iron is okay at this level, and the other metals are surprisingly low. Your Sierra appears to be doing great mechanically. The TBN read 1.3, so you've still got some active additive left for running the oil more miles. The viscosity was a little high, but it's still a 30W and okay for this engine. Try 11,000 miles next. Nice engine.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	10,261							
MI/HR on Unit	61,692							
Sample Date	09/26/08							
Make Up Oil Added	0 qts							
ALUMINUM	6	6						3
CHROMIUM	1	1						1
IRON	39	39						20
COPPER	17	17						34
LEAD	14	14						9
TIN	1	1						1
MOLYBDENUM	54	54						67
NICKEL	2	2						1
MANGANESE	1	1						2
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	1	1						2
BORON	96	96						54
SILICON	17	17						13
SODIUM	9	9						11
CALCIUM	3371	3371						2209
MAGNESIUM	13	13						150
PHOSPHORUS	657	657						692
ZINC	838	838						844
BARIUM	0	0						0

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	**64.2**	55-61					
cSt Viscosity @ 100°C	**11.38**	8.8-10.8					
Flashpoint in °F	380	>365					
Fuel %	<0.5	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	0.0					
Insolubles %	0.3	<0.5					
TBN	1.3						
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com