



OIL ANALYSIS REPORT

UIN 02E58F6

Gasoline Engine

Unit No. 2002 Silverado

Unit:

Make Chevrolet
Model SILVERADO
Serial No.
Site

Compartment:

Name Gasoline Engine
Make Chevrolet
Model SILVERADO
Serial No.
Capacity: gal

Customer:

SYNTHETIC ADVANTAGE
402 E Mary & Elias St
Faison NC 28341
USA

DIAGNOSIS

All wear levels appear within acceptable limits for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range.

Action: Resample at next recommended interval to monitor and establish wear trend.

ANALYST: Sam Smith Atlanta



LEGEND



Severe



Abnormal



Caution



Normal

DATE SAMPLED	01-Sep-12
DATE RECEIVED	13-Sep-12
DATE REPORTED	14-Sep-12
LAB NO.	42020307009
SIF NO.	12126187
TIME ON UNIT	Mi 127506
TIME ON OIL	Mi 5375
OIL BRAND	Unidentified
OIL TYPE	Unidentified
OIL GRADE	SAE 5W20
OIL ADDED	
FILTER	5375
OIL CHANGED	
WO NUMBER	

Metals (ppm)	
Iron (Fe)	15
Chromium (Cr)	<1
Lead (Pb)	16
Copper (Cu)	15
Tin (Sn)	1
Aluminium (Al)	2
Nickel (Ni)	1
Silver (Ag)	<1
Titanium (Ti)	<1
Vanadium (V)	<1

Contaminants (ppm)	
Silicon (Si)	15
Sodium (Na)	3
Potassium (K)	<5
Coolant	No

Additives (ppm)	
Magnesium (Mg)	7
Calcium (Ca)	2087
Barium (Ba)	<1
Phosphorus (P)	806
Zinc (Zn)	897
Molybdenum (Mo)	6
Boron (B)	13

Contaminants	
Water (%)	<0.05

Physical Tests	
Viscosity (cSt 100C)	9.3

Physical / Chemical	
Base Number (mgKOH/g)	3.3

