

OIL ANALYSIS PROGRAM

UIN: 003321E

Gasoline Engine

Unit No. 119975-019195

Unit:

Make
Model

Serial No. WDBEA34E4SC155774

Site

Compartment:

Name Gasoline Engine

Make
Model

Serial No. WDBEA34E4SC155774

Capacity 8.0 qt

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: LeDonna.Neu



LEGEND

● SEVERE
 ■ ABNORMAL
 ⚠ CAUTION
 ✓ NORMAL

DATE SAMPLED	17-Feb-12
DATE RECEIVED	29-Feb-12
DATE REPORTED	02-Mar-12

LAB NO.	43020250797
SIF NO.	11727316
TIME ON UNIT	177500
TIME ON OIL	7500
OIL BRAND	Mobil
OIL TYPE	Mobil1 HiMileage
OIL GRADE	10W40
OIL ADDED	
FILTER	Not Applicable
OIL CHANGED	Changed
WO NUMBER	

Metals (ppm)

Iron (Fe)	8
Chromium (Cr)	<1
Lead (Pb)	2
Copper (Cu)	10
Tin (Sn)	<1
Aluminium (Al)	4
Nickel (Ni)	<1
Silver (Ag)	<1
Titanium (Ti)	<1
Vanadium (V)	<1

Contaminants (ppm)

Silicon (Si)	6
Sodium (Na)	23
Potassium (K)	7
Water (%)	<0.05
Coolant	No

Additives (ppm)

Magnesium (Mg)	152
Calcium (Ca)	2068
Barium (Ba)	<1
Phosphorus (P)	1016
Zinc (Zn)	996
Molybdenum (Mo)	60
Boron (B)	107

Physical Tests

Viscosity (cSt 100C)	13.4
Soot (%)	0.1

Physical / Chemical

Base Number (mgKOH/g)	2.0
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