



UIN: 0292D42  
Gasoline Engine

Unit No. Porsche 911

Unit:  
Make Porsche  
Model 911  
Serial No.  
Site William Gravely-ens.gravely@gmail.com

Compartment:  
Name Gasoline Engine  
Make  
Model  
Serial No.  
Capacity 9.0 qt

Customer:  
LN ENGINEERING  
626 North Locust Street  
Momence IL 60954  
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: LeDonna.Neu



LEGEND

STOP SEVERE ABNORMAL ! CAUTION NORMAL

DATE SAMPLED 03-Jun-11  
DATE RECEIVED 22-Jun-11  
DATE REPORTED 28-Jun-11

LAB NO. 43020165779  
SIF NO. 102479130024  
TIME ON UNIT 62000  
TIME ON OIL 5000  
OIL BRAND Mobil  
OIL TYPE Mobil 1  
OIL GRADE SAE 15W50  
OIL ADDED  
FILTER  
OIL CHANGED Changed  
WO NUMBER

Metals (ppm)  
Iron (Fe) 9  
Chromium (Cr) 1  
Lead (Pb) 1  
Copper (Cu) 5  
Tin (Sn) 2  
Aluminium (Al) 4  
Nickel (Ni) <1  
Silver (Ag) <1  
Titanium (Ti) <1  
Vanadium (V) <1

Contaminants (ppm)  
Silicon (Si) 2  
Sodium (Na) 17  
Potassium (K) <5  
Water (%) <0.05  
Coolant No

Additives (ppm)  
Magnesium (Mg) 14  
Calcium (Ca) 2689  
Barium (Ba) <1  
Phosphorus (P) 1169  
Zinc (Zn) 1349  
Molybdenum (Mo) 117  
Boron (B) 106

Physical Tests  
Viscosity (cSt 100C) 16.6

Physical / Chemical  
Base Number (mgKOH/g) 6.4

