



# OIL ANALYSIS REPORT

## UIN 048C7BA

### Gasoline Engine

**Unit No.** 12 Lexus

**Unit:**  
**Make** Lexus  
**Model**  
**Serial No.**  
**Site**

**Compartment:**  
**Name** Gasoline Engine  
**Make** Lexus  
**Model**  
**Serial No.**  
**Capacity:** Ltrs

### DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range.

Action: As oil and filter(s) already changed, resample next recommended service interval to further monitor.

<b>DATE SAMPLED</b>	08-Mar-17	18-Jun-15
<b>DATE RECEIVED</b>	28-Jul-17	30-Jun-15
<b>DATE REPORTED</b>	02-Aug-17	01-Jul-15

LAB NO.	42021030895	42020687247
SIF NO.	16598248	16259488
TIME ON UNIT	Mi 45000	36000
TIME ON OIL	Mi 5000	5000
OIL BRAND	Toyota	Toyota
OIL TYPE	Genuine Oil	Genuine Oil
OIL GRADE	SAE 0W20	SAE 0W20
OIL ADDED		
FILTER	Changed	Changed
OIL CHANGED	Changed	Changed
WO NUMBER		

<b>Metals (ppm)</b>		
Iron (Fe)	4	4
Chromium (Cr)	<1	2
Lead (Pb)	<1	<1
Copper (Cu)	<1	1
Tin (Sn)	1	2
Aluminium (Al)	1	5
Nickel (Ni)	<1	<1
Silver (Ag)	<1	<1
Titanium (Ti)	2	14
Vanadium (V)	<1	<1

<b>Contaminants (ppm)</b>		
Silicon (Si)	6	8
Sodium (Na)	7	15
Potassium (K)	<1	5

<b>Additives (ppm)</b>		
Magnesium (Mg)	33	9
Calcium (Ca)	2385	2288
Barium (Ba)	<1	<1
Phosphorus (P)	819	711
Zinc (Zn)	918	840
Molybdenum (Mo)	70	40
Boron (B)	85	32

<b>Contaminants</b>		
Water (%)	<0.05	<0.05
Coolant	No	No

<b>Physical Tests</b>		
Viscosity (cSt 100C)	8.3	8.3

<b>Physical / Chemical</b>		
Base Number (mgKOH/g)	6.4	5.0



ANALYST: Jon.Sowers

#### LEGEND

Normal	Severe	Abnormal	Caution	Normal

### UIN 048C7BA

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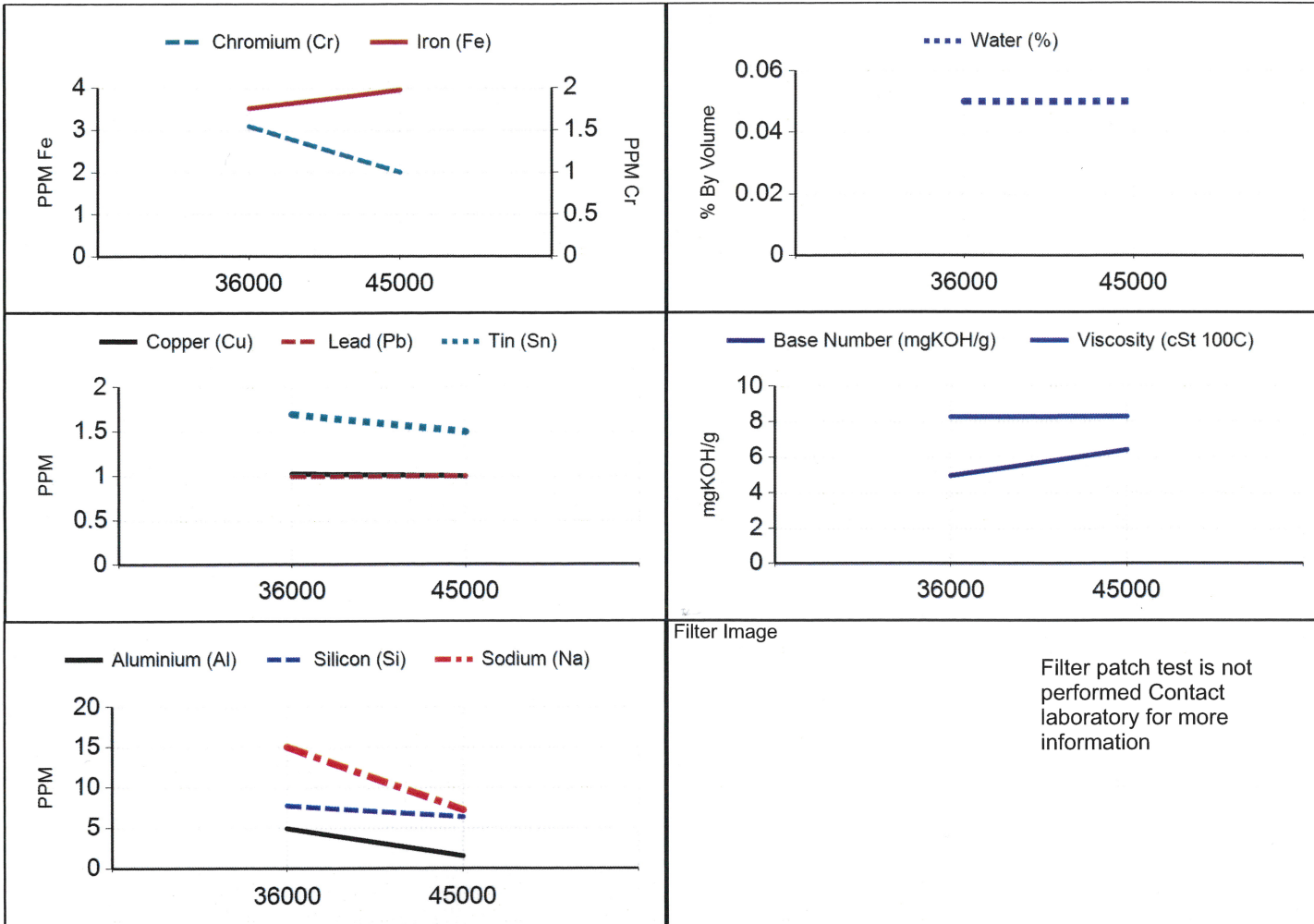
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Filter Image

Filter patch test is not performed Contact laboratory for more information

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