



OIL ANALYSIS REPORT

UIN 048C7BA

Gasoline Engine

Unit No. 12 Lexus

Unit: Lexus

Make
Model
Serial No.
Site

Compartment:

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

DATE SAMPLED 18-Jun-15
DATE RECEIVED 30-Jun-15
DATE REPORTED 01-Jul-15
LAB NO. 42020687247
SIF NO. 16259488
TIME ON UNIT 36000
TIME ON OIL 5000
OIL BRAND Toyota
OIL TYPE Genuine Oil
OIL GRADE SAE 0W20
OIL ADDED
FILTER Changed
OIL CHANGED Changed
WO NUMBER

Metals (ppm)

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

Contaminants (ppm)

Silicon (Si) 8
Sodium (Na) 15
Potassium (K) 5

Additives (ppm)

Magnesium (Mg) 9
Calcium (Ca) 2288
Barium (Ba) <1
Phosphorus (P) 711
Zinc (Zn) 840
Molybdenum (Mo) 40
Boron (B) 32

Contaminants

Water (%) <0.05
Coolant No

Physical Tests

Viscosity (cSt 100C) 8.3

Physical / Chemical

Base Number (mgKOH/g) 5.0



DIAGNOSIS

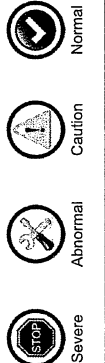
Engine wear levels appear satisfactory for first sample. Silicon level (dirt/sealant material) satisfactory. Water content acceptable. Viscosity within specified operating range.

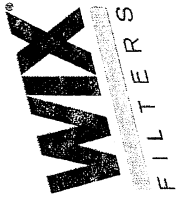
Action: As oil and filter(s) already changed, resample next service interval to monitor and establish wear trend.

ANALYST: Jon.Sowers



LEGEND





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International Locations

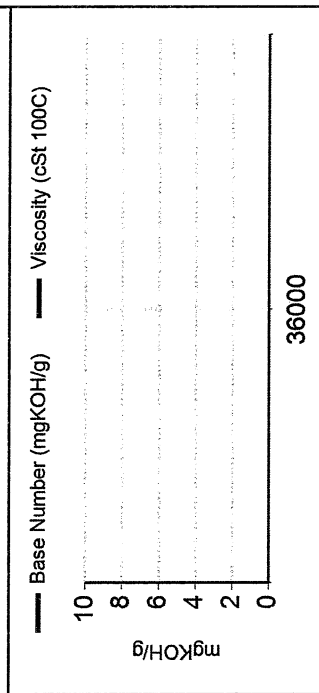
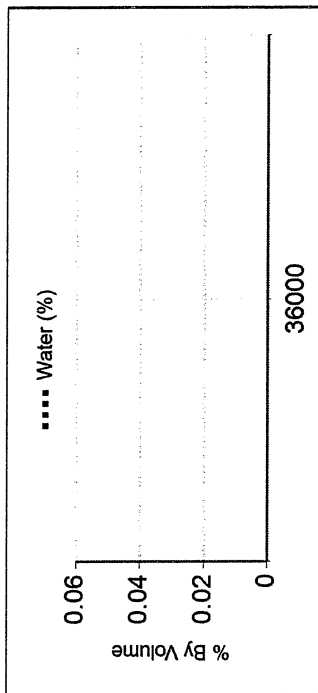
Australia
 Brisbane, Perth, Sydney,
 Muswellbrook

New Zealand
 Wellington

Southeast Asia
 Kuala Lumpur, Singapore

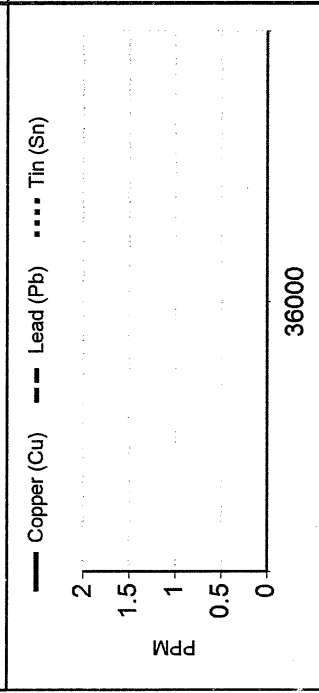
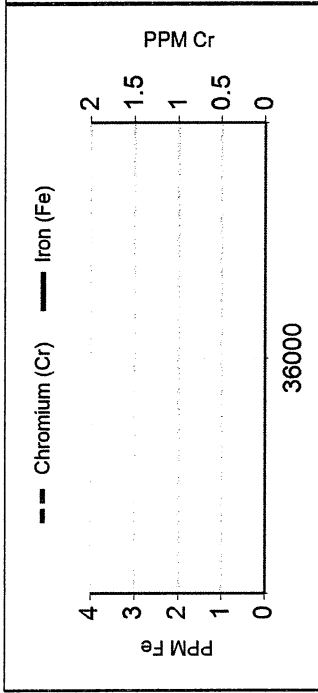
Europe
 Prague

South America
 Santiago de Chile



Filter Image

Filter patch test is not performed Contact laboratory for more information



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