

UIN 02F9FB0

Gasoline Engine

1998 Lexus Unit No.

Unit: Make

Lexus

LS400 Model

Serial No.

Site

Compartment:

Name

Gasoline Engine

Make Model

Serial No.

Capacity: Ltrs

Customer	:	

DIAGNOSIS

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

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

ANALYST:	
ANALISI.	











LEGEND





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DATE SAMPLED	26-Sep-12	
DATE RECEIVED	09-Nov-12	
DATE REPORTED	13-Nov-12	
LAB NO. SIF NO.	42020326778 11930393	
TIME ON UNIT	110000	
TIME ON OIL	9000	
OIL BRAND	Valvoline	
OIL TYPE	Synpower	
OIL GRADE	5W30	
OIL ADDED		
FILTER		
OIL CHANGED		
WO NUMBER		
Metals (ppm)		
Iron (Fe)	6	
Chromium (Cr)	<1	
Lead (Pb)	<1	
Copper (Cu)	11	
Tin (Sn)	<1	
Aluminium (Al)	3	
Nickel (Ni)	<1	
Silver (Ag)	<1	
Titanium (Ti)	<1	
Vanadium (V)	<1	
Contaminants (ppm)		
Silicon (Si)	8	
Sodium (Na)	152	
Potassium (K)	<5	
Coolant	No	
Additives (ppm)		
Magnesium (Mg)	5	
Calcium (Ca)	1766	
Barium (Ba)	<1	
Phosphorus (P)	502	
Zinc (Zn)	538	
Molybdenum (Mo)	8	
Boron (B)	24	
Contaminants		
Water (%)	<0.05	

Physical Tests

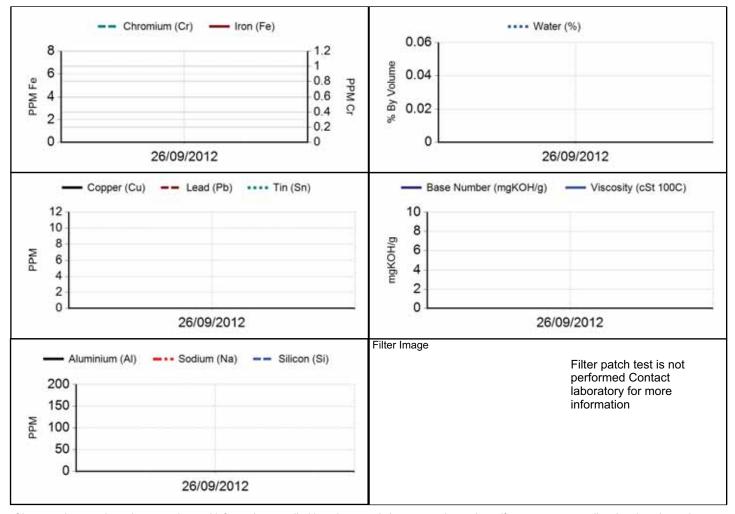
Viscosity (cSt 100C)

Physical / Chemical Base Number (mgKOH/g)

<1.0

9.0





Since services are based on samples and information supplied by others, and since corrective actions, if any, are necessarily taken by others, these services are rendered without any warranty or liability of any kind beyond the actual amount paid to ALS Tribology for the services. Reported recommendations are based on interpretations of the generated test results and historical data. Certain test results appearing in this report may have been tested at other ALS laboratories within the Tribology divisional network.



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