



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
LEXUS LESUX RX350
Component
Front Gasoline Engine
Fluid
MOBIL 1 5W30 (6 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC679525	---	---
Sample Date		Client Info		11 Mar 2024	---	---
Machine Age	kms	Client Info		372000	---	---
Oil Age	kms	Client Info		6431	---	---
Filter Age	kms	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>150	12	---	---
Chromium	ppm	ASTM D5185(m)	>20	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>2	0	---	---
Aluminum	ppm	ASTM D5185(m)	>40	6	---	---
Lead	ppm	ASTM D5185(m)	>50	0	---	---
Copper	ppm	ASTM D5185(m)	>155	<1	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

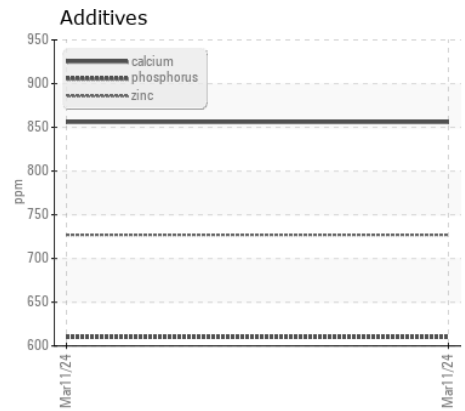
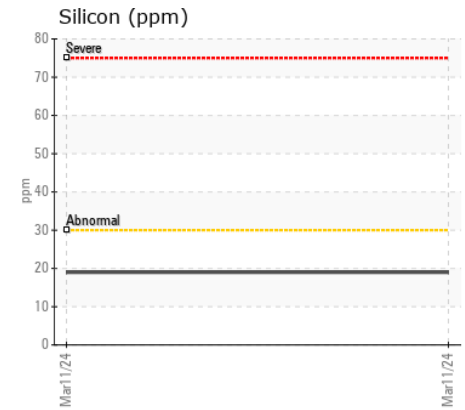
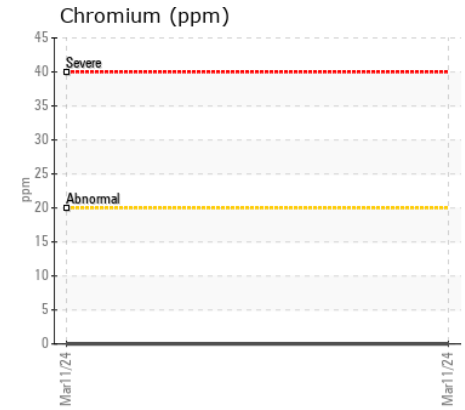
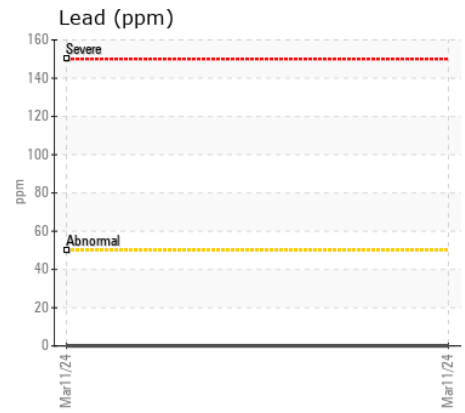
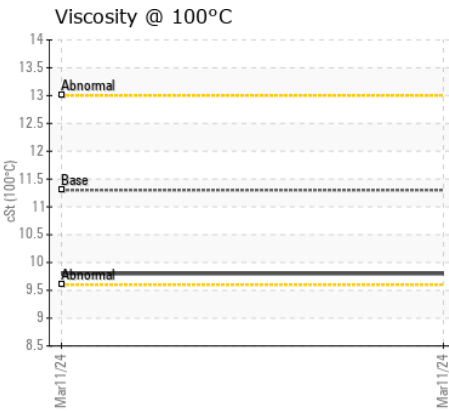
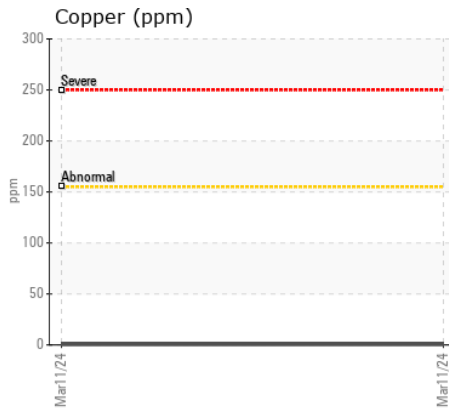
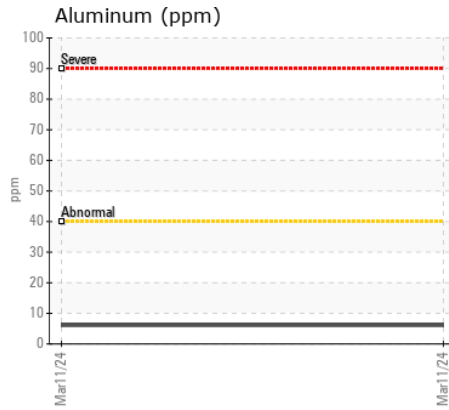
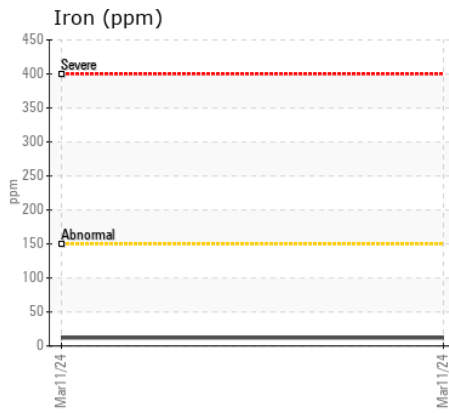
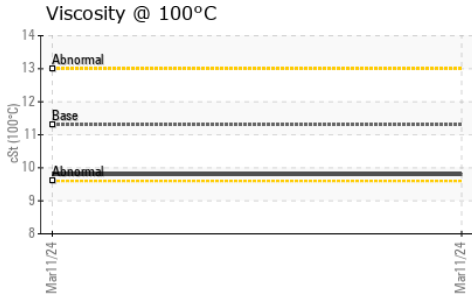
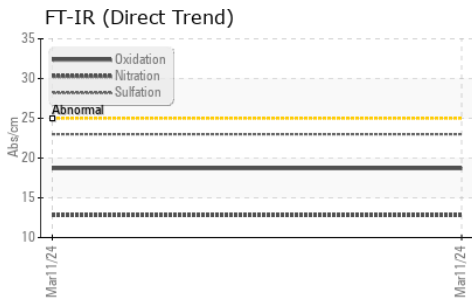
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>30	19	---	---
Potassium	ppm	ASTM D5185(m)	>20	8	---	---
Fuel		WC Method	>4.0	<1.0	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	12.8	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	23.0	---	---
Silt	scalar	Visual*	NONE	LIGHT	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>400	8	---	---
Boron	ppm	ASTM D5185(m)	94	50	---	---
Barium	ppm	ASTM D5185(m)	0.0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	0.0	84	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Magnesium	ppm	ASTM D5185(m)	1388	553	---	---
Calcium	ppm	ASTM D5185(m)	820	856	---	---
Phosphorus	ppm	ASTM D5185(m)	720	610	---	---
Zinc	ppm	ASTM D5185(m)	780	727	---	---
Sulfur	ppm	ASTM D5185(m)	2240	1619	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	18.7	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	11.3	9.8	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC679525 **Received** : 22 Apr 2024
Lab Number : 02630472 **Tested** : 22 Apr 2024
Unique Number : 5763604 **Diagnosed** : 22 Apr 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: Visual)

MATT NICKEL
 2423 GLENGARRY RD
 MISSISSAUGA, ON
 CA L5L 1Y1
 Contact: Matt Nickel

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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