WEAR CONTAMINATION FLUID CONDITION

ATTENTION NORMAL NORMAL

Machine Id

## **LEXUS LESUX RX350**

Front Transmission (Auto)

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition.	Sample Number		Client Info		WC679533		
	Sample Date		Client Info		11 Mar 2024		
	Machine Age	kms	Client Info		372000		
	Oil Age	kms	Client Info		12400		
	Filter Age	kms	Client Info		0		
	Oil Changed		Client Info		Changed		
	Filter Changed		Client Info		N/A		
	Sample Status				ATTENTION		
WEAR	Iron	ppm	ASTM D5185(m)	>160	83		
Lead ppm levels are noted. All other component wear rates are normal.	Chromium	ppm	ASTM D5185(m)	>5	<1		
	Nickel	ppm	ASTM D5185(m)		0		
	Titanium	ppm	ASTM D5185(m)	70	0		
	Silver	ppm	ASTM D5185(m)	>5	0		
	Aluminum	ppm	ASTM D5185(m)	>50	48		
	Lead	ppm	ASTM D5185(m)	>50	<b>85</b>		
	Copper	ppm	ASTM D5185(m)		113		
	Tin	ppm	ASTM D5185(m)	>10	6		
	Vanadium	ppm	ASTM D5185(m)		0		
	White Metal	scalar	Visual*	NONE	NONE		
	Yellow Metal	scalar	Visual*	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185(m)	>20	12		
There is no indication of any contamination in the fluid.	Potassium	ppm	ASTM D5185(m)		<1		
	Water		WC Method	>0.1	NEG		
	Silt	scalar	Visual*	NONE	VLITE		
	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*	>0.1	NEG		
FLUID CONDITION	Sodium	ppm	ASTM D5185(m)		2		
The condition of the fluid is acceptable for the time in service.	Boron	ppm	ASTM D5185(m)		58		
The condition of the fluid is acceptable for the time in service.	Barium	ppm	ASTM D5185(m)		<1		
	Molybdenum	ppm	ASTM D5185(m)		0		
	Manganese	ppm	ASTM D5185(m)		2		
	Magnesium	ppm	ASTM D5185(m)		2		
	Calcium	ppm	ASTM D5185(m)		137		
	Phosphorus	ppm	ASTM D5185(m)		288		
	Zinc	ppm	ASTM D5185(m)		13		
	Sulfur	ppm	ASTM D5185(m)		663		
	Visc @ 40°C		ASTM D7279(m)		23.3		





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

: WC679533 Lab Number : 02630659

Unique Number : 5763791 Test Package : MOB 1

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 22 Apr 2024 **Tested** : 23 Apr 2024

Diagnosed

: 23 Apr 2024 - Kevin Marson

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.

T: (905)896-2442 F:

**MATT NICKEL**