



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id  
**ROSENBAVER LAKESHORE R3**  
 Component  
**Transmission (Auto)**  
 Fluid  
**ATF (20 LTR)**

## RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition.

## WEAR

All component wear rates are normal.

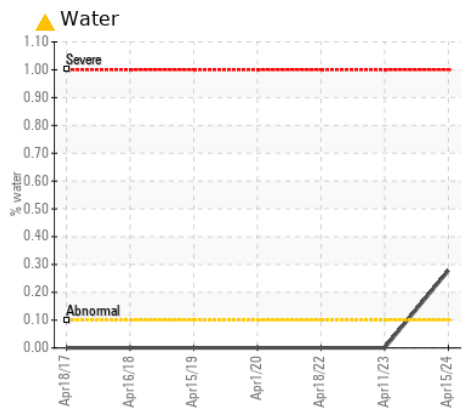
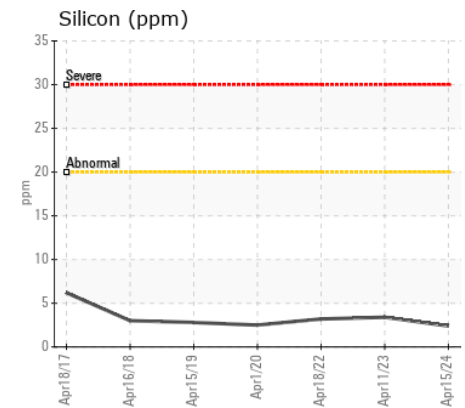
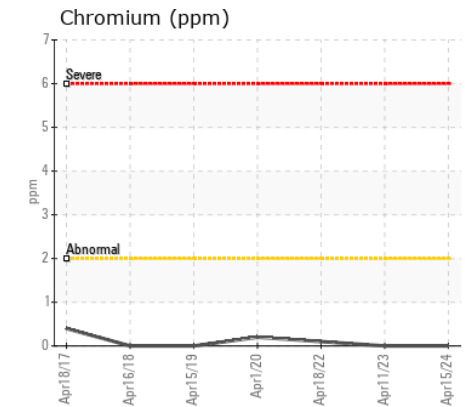
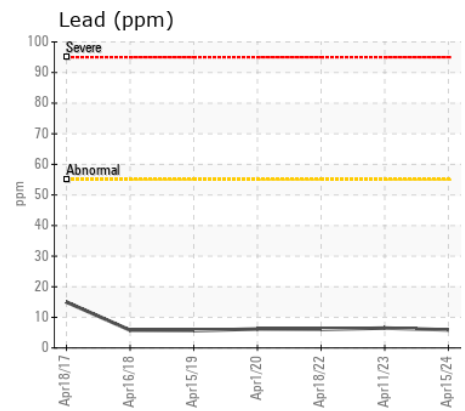
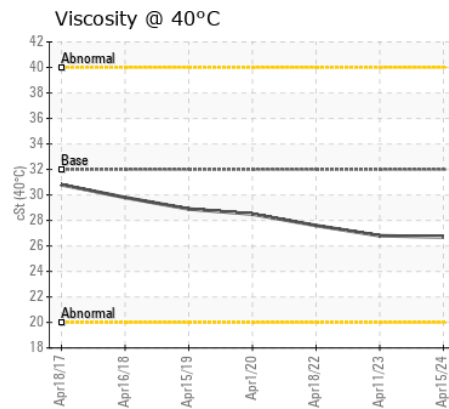
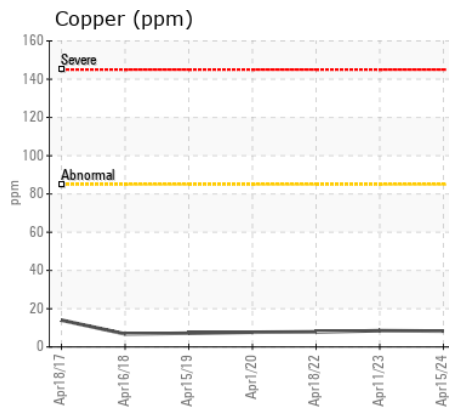
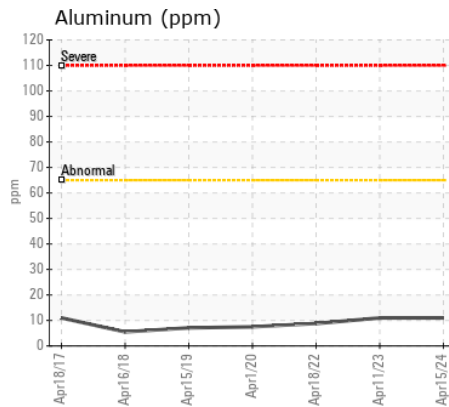
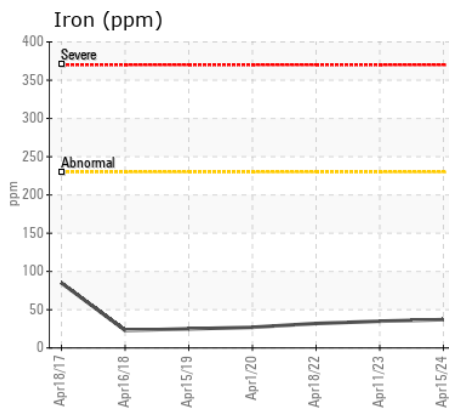
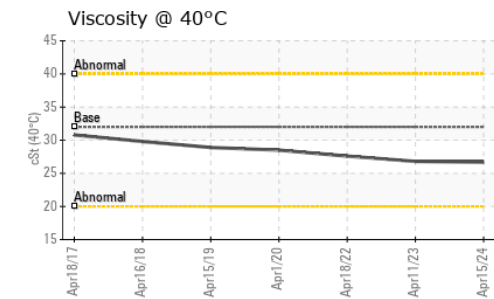
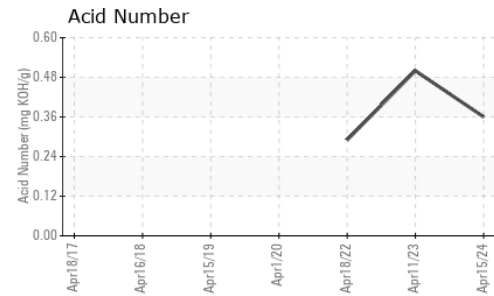
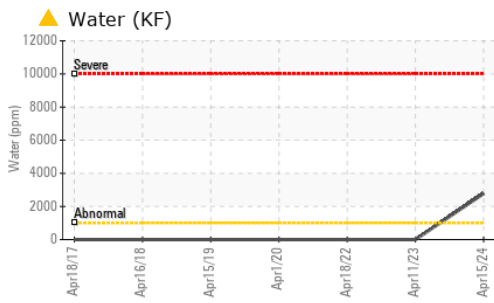
## CONTAMINATION

There is a moderate concentration of water present in the fluid.

## FLUID CONDITION

The AN level is acceptable for this fluid. The fluid is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0867262</b>	WC0760645	WC0661111
Sample Date		Client Info		<b>15 Apr 2024</b>	11 Apr 2023	18 Apr 2022
Machine Age	kms	Client Info		<b>28281</b>	26505	23424
Oil Age	kms	Client Info		<b>17121</b>	15345	12264
Filter Age	kms	Client Info		<b>0</b>	0	12264
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>N/A</b>	Not Changd	Not Changd
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL
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Iron	ppm	ASTM D5185(m)	>230	<b>37</b>	35	32
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>65	<b>11</b>	11	9
Lead	ppm	ASTM D5185(m)	>55	<b>6</b>	6	6
Copper	ppm	ASTM D5185(m)	>85	<b>8</b>	8	8
Tin	ppm	ASTM D5185(m)	>5	<b>2</b>	2	2
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
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Silicon	ppm	ASTM D5185(m)	>20	<b>2</b>	3	3
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	0	3
Water	%	ASTM D6304*	>0.1	<b>▲ 0.278</b>	---	---
ppm Water	ppm	ASTM D6304*	>1000	<b>▲ 2783</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>VLITE</b>	VLITE	VLITE
Sand/Dirt	scalar	Visual*	NONE	<b>VLITE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	<b>▲ .2%</b>	NEG	NEG
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Sodium	ppm	ASTM D5185(m)		<b>7</b>	6	6
Boron	ppm	ASTM D5185(m)		<b>37</b>	42	44
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Molybdenum	ppm	ASTM D5185(m)		<b>&lt;1</b>	2	2
Manganese	ppm	ASTM D5185(m)		<b>1</b>	1	1
Magnesium	ppm	ASTM D5185(m)		<b>2</b>	2	2
Calcium	ppm	ASTM D5185(m)		<b>163</b>	174	157
Phosphorus	ppm	ASTM D5185(m)		<b>205</b>	233	214
Zinc	ppm	ASTM D5185(m)		<b>61</b>	61	61
Sulfur	ppm	ASTM D5185(m)		<b>511</b>	531	513
Acid Number (AN)	mg KOH/g	ASTM D974*		<b>0.36</b>	0.50	0.29
Visc @ 40°C	cSt	ASTM D7279(m)	32.0	<b>26.7</b>	26.8	27.6



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0867262 **Received** : 18 Apr 2024  
**Lab Number** : 02629983 **Tested** : 19 Apr 2024  
**Unique Number** : 5763115 **Diagnosed** : 19 Apr 2024 - Kevin Marson  
**Test Package** : MOB 2 ( Additional Tests: KF, TAN Man )

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.

**Windsor Spring & Alignment Ltd.**  
 1016 Crawford Ave.  
 Windsor, ON  
 CA N9A 5C9  
 Contact: Al Lemay  
 windsorspring@hotmail.com  
 T: (519)971-8895  
 F: (519)971-8932