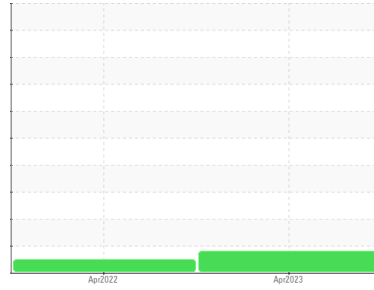


# PROBLEM SUMMARY

Sample Rating Trend



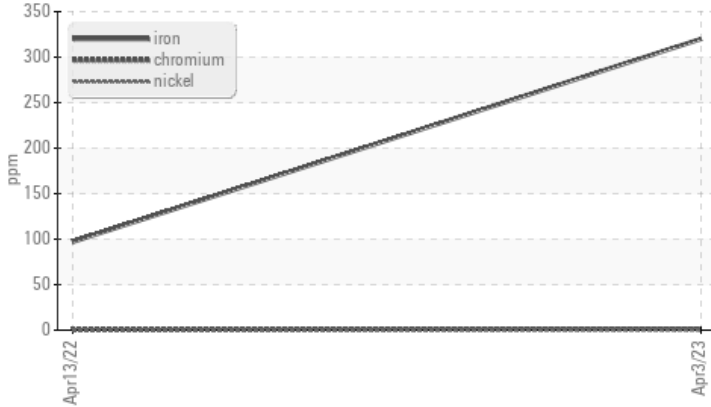
**WEAR**



Machine Id  
**0964**  
Component  
**Rear Left Transmission (Auto)**  
Fluid  
**DEXRON III (24 LTR)**

## COMPONENT CONDITION SUMMARY

### ▲ Ferrous Alloys



## RECOMMENDATION

The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. ( Customer Sample Comment: 50315 km on oil and filters. Changed during MVI. )

## PROBLEMATIC TEST RESULTS

Sample Status				<b>ABNORMAL</b>	NORMAL	---
Iron	ppm	ASTM D5185(m)	>235	<b>▲ 320</b>	97	---

**Customer Id:** STJNEW  
**Sample No.:** PC0052687  
**Lab Number:** 02568023  
**Test Package:** IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Kevin Marson +1 (289)291-4644 x4644  
[Kevin.Marson@wearcheck.com](mailto:Kevin.Marson@wearcheck.com)

To change component or sample information:  
Gloria Gonzalez +1 (289)291-4643 x4643  
[gloria.gonzalez@wearcheck.com](mailto:gloria.gonzalez@wearcheck.com)

## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Resample	---	---	?	We recommend an early resample to monitor this condition.
Information Required	---	---	?	Please specify the brand, type, and viscosity of the oil on your next sample.

## HISTORICAL DIAGNOSIS

13 Apr 2022 Diag: Wes Davis

NORMAL

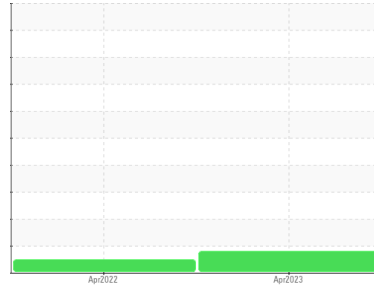


Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.  
All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



Machine Id  
**0964**  
Component  
**Rear Left Transmission (Auto)**  
Fluid  
**DEXRON III (24 LTR)**



**DIAGNOSIS**

**Recommendation**  
The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. ( Customer Sample Comment: 50315 km on oil and filters. Changed during MVI. )

**Wear**  
Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion.

**Contamination**  
There is no indication of any contamination in the fluid.

**Fluid Condition**  
The AN level is acceptable for this fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

SAMPLE INFORMATION		method	limit/base	current	history 1	history 2
Sample Number	Client Info			<b>PC0052687</b>	PC0018625	---
Sample Date	Client Info			<b>03 Apr 2023</b>	13 Apr 2022	---
Machine Age	hrs	Client Info		<b>830731</b>	780243	---
Oil Age	hrs	Client Info		<b>50315</b>	52217	---
Oil Changed	Client Info			<b>Changed</b>	Changed	---
Sample Status				<b>ABNORMAL</b>	NORMAL	---

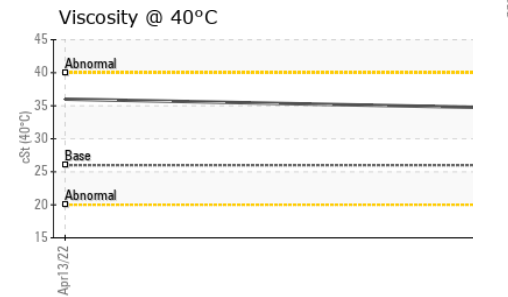
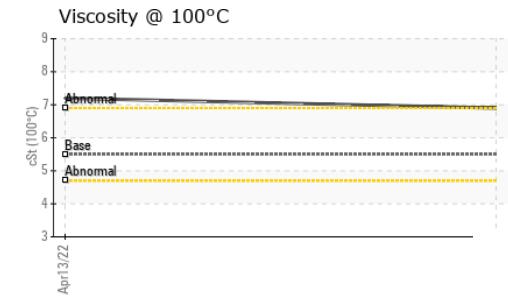
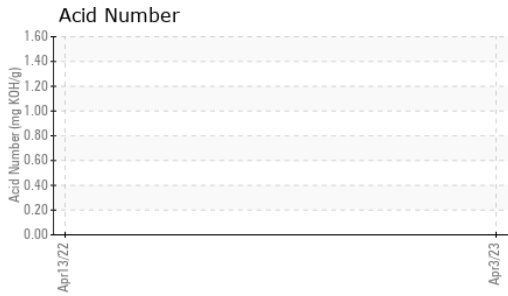
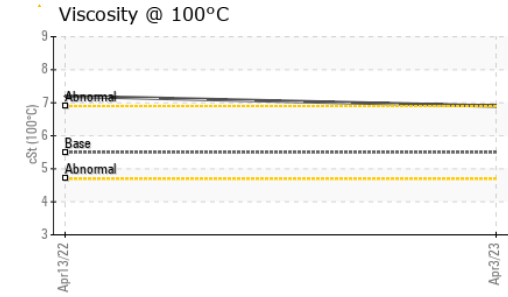
WEAR METALS		method	limit/base	current	history 1	history 2
PQ		ASTM D8184*	>70	<b>11</b>	---	---
Iron	ppm	ASTM D5185(m)	>235	<b>▲ 320</b>	97	---
Chromium	ppm	ASTM D5185(m)	>2	<b>1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	0	---
Titanium	ppm	ASTM D5185(m)	>4	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>90	<b>14</b>	13	---
Lead	ppm	ASTM D5185(m)	>45	<b>2</b>	1	---
Copper	ppm	ASTM D5185(m)	>50	<b>13</b>	14	---
Tin	ppm	ASTM D5185(m)	>10	<b>2</b>	3	---
Antimony	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	---

ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185(m)		<b>45</b>	74	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185(m)		<b>2</b>	<1	---
Magnesium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	---
Calcium	ppm	ASTM D5185(m)		<b>78</b>	17	---
Phosphorus	ppm	ASTM D5185(m)		<b>204</b>	207	---
Zinc	ppm	ASTM D5185(m)		<b>8</b>	8	---
Sulfur	ppm	ASTM D5185(m)		<b>1913</b>	2806	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---

CONTAMINANTS		method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185(m)	>20	<b>10</b>	6	---
Sodium	ppm	ASTM D5185(m)		<b>18</b>	8	---
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	---

FLUID DEGRADATION		method	limit/base	current	history 1	history 2
Acid Number (AN)	mg KOH/g	ASTM D974*		<b>1.48</b>	---	---

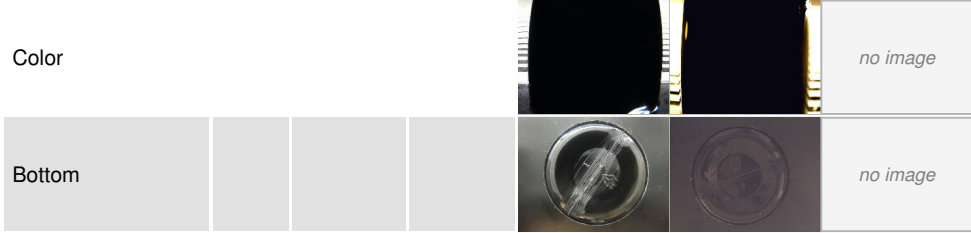
# OIL ANALYSIS REPORT



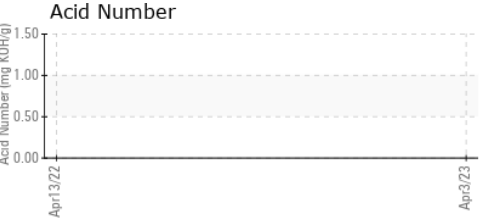
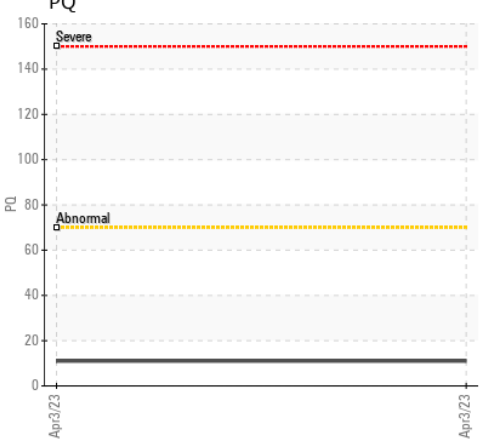
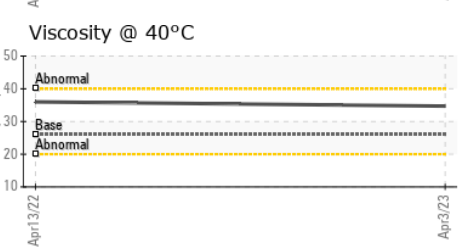
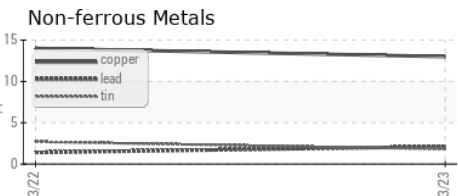
VISUAL	method	limit/base	current	history 1	history 2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D7279(m)	26.0	34.7	36.0
Visc @ 100°C	cSt	ASTM D7279(m)	5.5	6.9	7.2
Viscosity Index (VI)	Scale	ASTM D2270*	155	163	168

### SAMPLE IMAGES



### GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0052687 **Received** : 05 Jul 2023  
**Lab Number** : 02568023 **Diagnosed** : 05 Jul 2023  
**Unique Number** : 5605069 **Diagnostician** : Kevin Marson  
**Test Package** : IND 2 ( Additional Tests: KV100, TAN Man, VI )

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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