

# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**6511709236**  
Component  
**Transmission (Auto)**  
Fluid  
**CASTROL TRANSYND (--- GAL)**

## DIAGNOSIS

### Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

### Wear

Les taux d'usure de tous les composants sont normaux.

### Contamination

Il n'y a aucun indice de contamination dans le fluide.

### Fluid Condition

Le AN est acceptable pour ce fluide. L'état de le fluide permet d'en prolonger l'utilisation.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WA0019942</b>	---	---
Sample Date	Client Info		<b>24 Aug 2023</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*	>150	<b>3</b>	---	---
Iron	ppm	ASTM D5185(m)	>325	<b>121</b>	---
Chromium	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	---
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	---
Titanium	ppm	ASTM D5185(m)	>3	<b>0</b>	---
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	---
Aluminum	ppm	ASTM D5185(m)	>75	<b>29</b>	---
Lead	ppm	ASTM D5185(m)	>40	<b>7</b>	---
Copper	ppm	ASTM D5185(m)	>50	<b>14</b>	---
Tin	ppm	ASTM D5185(m)	>10	<b>3</b>	---
Antimony	ppm	ASTM D5185(m)	>3	<b>0</b>	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	150	<b>78</b>	---
Barium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---
Molybdenum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---
Manganese	ppm	ASTM D5185(m)		<b>2</b>	---
Magnesium	ppm	ASTM D5185(m)	0	<b>2</b>	---
Calcium	ppm	ASTM D5185(m)	40	<b>97</b>	---
Phosphorus	ppm	ASTM D5185(m)	320	<b>237</b>	---
Zinc	ppm	ASTM D5185(m)	5	<b>9</b>	---
Sulfur	ppm	ASTM D5185(m)	1050	<b>1260</b>	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---

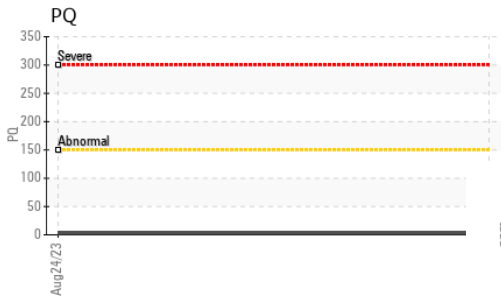
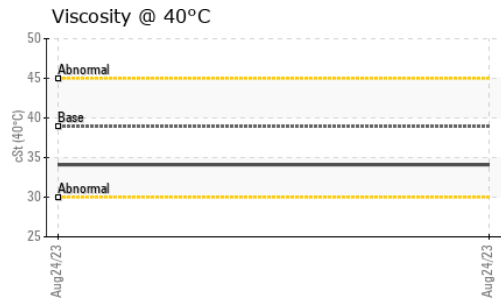
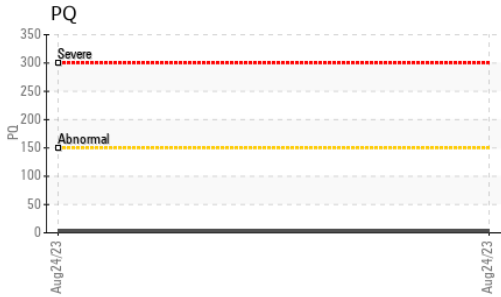
## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	<b>8</b>	---
Sodium	ppm	ASTM D5185(m)		<b>6</b>	---
Potassium	ppm	ASTM D5185(m)	>20	<b>8</b>	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	1.0	<b>1.26</b>	---

# OIL ANALYSIS REPORT



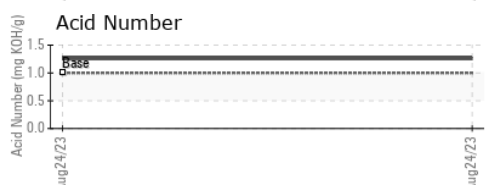
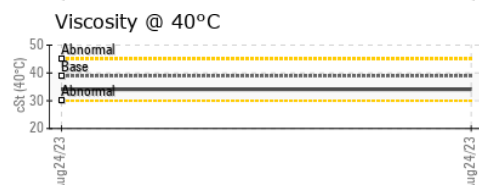
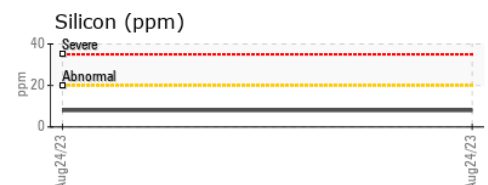
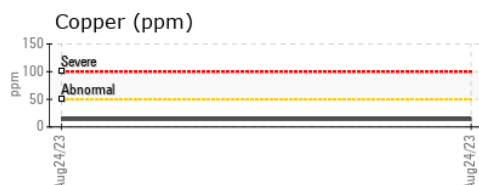
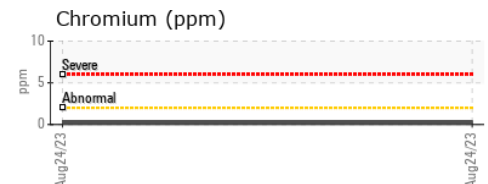
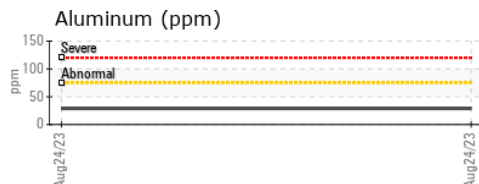
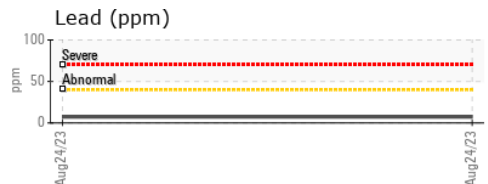
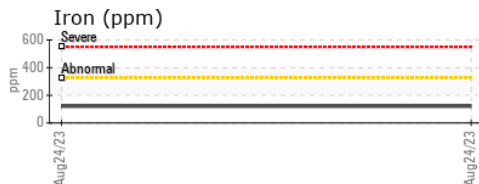
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	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	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	<b>34.1</b>	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0019942 **Received** : 28 Aug 2023  
**Lab Number** : 02578832 **Diagnosed** : 28 Aug 2023  
**Unique Number** : 5631892 **Diagnostician** : Wes Davis  
**Test Package** : MOB 2 ( Additional Tests: PQ, TAN Man )

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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.