

# OIL ANALYSIS REPORT

Sample Rating Trend

**VISCOSITY**



Machine Id  
**4760**  
Component  
**Transmission (Auto)**  
Fluid  
**CASTROL TRANSYND 668 (--- GAL)**



## DIAGNOSIS

### ▲ Recommendation

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. 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

La viscosité de l'échantillon se situe dans la portée de l'SAE 75W90; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de le fluide est acceptable pour la durée de service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>PC0093657</b>	---	---
Sample Date	Client Info		<b>01 Mar 2024</b>	---	---
Machine Age	hrs	Client Info	<b>18079</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>Not Chngd</b>	---	---
Sample Status			<b>ABNORMAL</b>	---	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >160	<b>158</b>	---	---
Chromium	ppm	ASTM D5185(m) >5	<b>1</b>	---	---
Nickel	ppm	ASTM D5185(m) >5	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m) >5	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m) >50	<b>7</b>	---	---
Lead	ppm	ASTM D5185(m) >50	<b>2</b>	---	---
Copper	ppm	ASTM D5185(m) >225	<b>5</b>	---	---
Tin	ppm	ASTM D5185(m) >10	<b>0</b>	---	---
Antimony	ppm	ASTM D5185(m)	<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

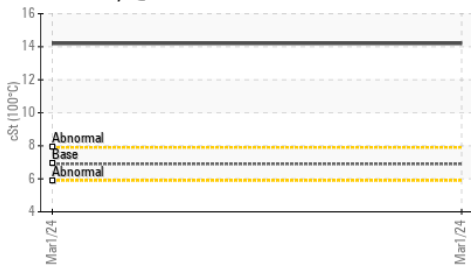
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>246</b>	---	---
Barium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>2</b>	---	---
Magnesium	ppm	ASTM D5185(m)	<b>4</b>	---	---
Calcium	ppm	ASTM D5185(m)	<b>53</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<b>1166</b>	---	---
Zinc	ppm	ASTM D5185(m)	<b>5</b>	---	---
Sulfur	ppm	ASTM D5185(m)	<b>2498</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

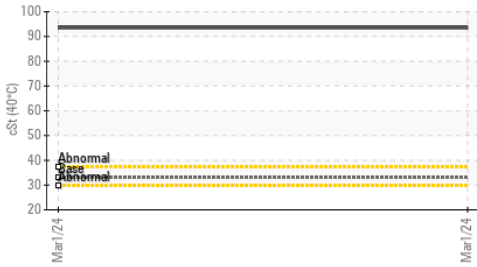
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	<b>9</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>5</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>2</b>	---	---

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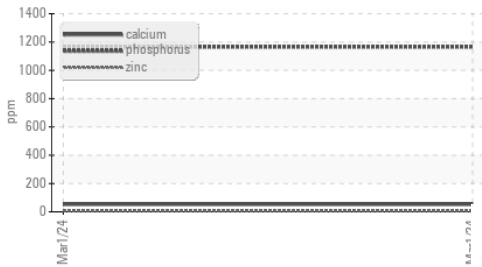
▲ Viscosity @ 100°C



▲ Viscosity @ 40°C



Additives



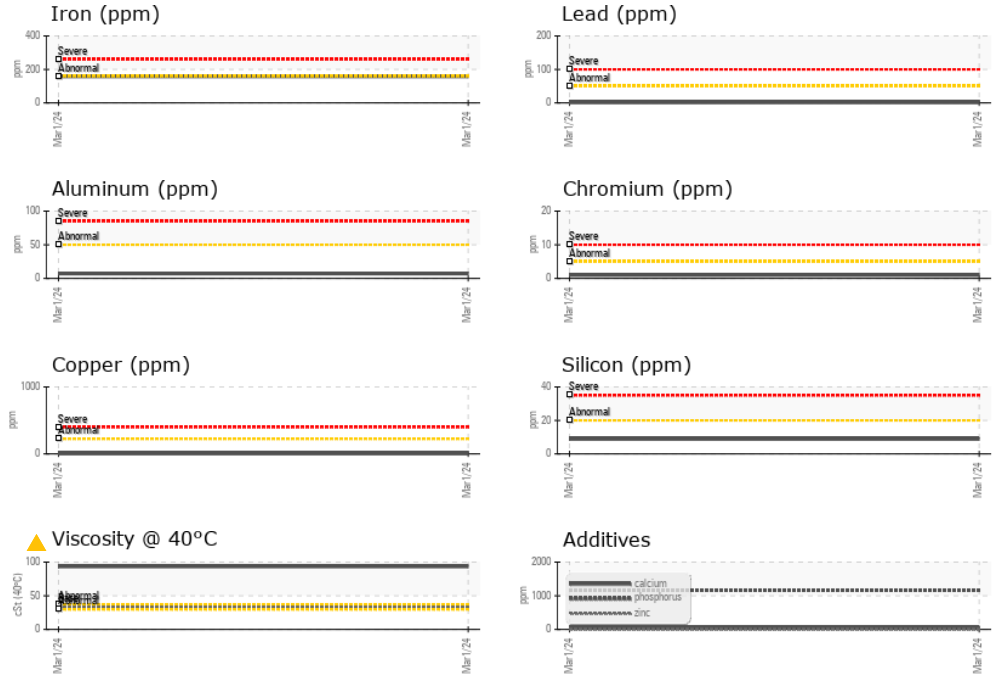
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	---	---
Free Water	scalar	Visual*		<b>NEG</b>	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	33	▲ 93.5	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	6.9	▲ 14.2	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	168	<b>156</b>	---	---

**SAMPLE IMAGES**

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

**GRAPHS**



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 769 - Drummondville CD**  
**Sample No.** : PC0093657 **Received** : 08 Mar 2024 1005 rue Rhea  
**Lab Number** : 02620889 **Tested** : 11 Mar 2024 Drummondville, QC  
**Unique Number** : 5746008 **Diagnosed** : 11 Mar 2024 - Kevin Marson CA J2B 8A9  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI ) **Contact: Service Manager**

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.

T:  
F: