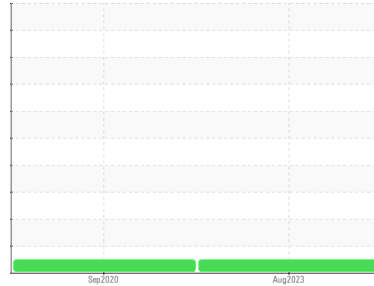


# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**EPT13**

Component  
**1 Differential**

Fluid  
**KLONDIKE FULL SYNTHETIC 75W90 (--- GAL)**

## DIAGNOSIS

### Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

### Wear

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

### Contamination

Il n'y a aucun indice de contamination dans l'huile.

### Fluid Condition

L'état de l'huile est acceptable pour la durée de service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WA0019305</b>	WA0015222	---
Sample Date	Client Info			<b>16 Aug 2023</b>	13 Sep 2020	---
Machine Age	hrs	Client Info		<b>2212</b>	600	---
Oil Age	hrs	Client Info		<b>2212</b>	600	---
Oil Changed	Client Info			<b>Not Changed</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

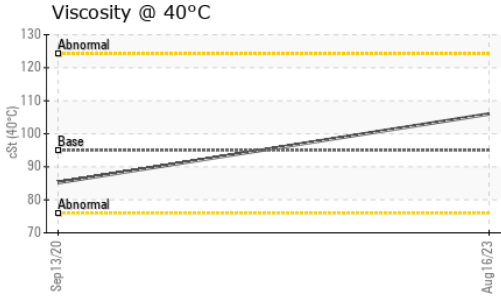
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>500	<b>66</b>	157	---
Chromium	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	1	---
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	<1	---
Lead	ppm	ASTM D5185(m)	>25	<b>1</b>	<1	---
Copper	ppm	ASTM D5185(m)	>100	<b>52</b>	28	---
Tin	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	---
Antimony	ppm	ASTM D5185(m)	>5	<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	history1	history2
Boron	ppm	ASTM D5185(m)		<b>270</b>	197	---
Barium	ppm	ASTM D5185(m)		<b>5</b>	2	---
Molybdenum	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185(m)		<b>14</b>	57	---
Magnesium	ppm	ASTM D5185(m)		<b>1</b>	2	---
Calcium	ppm	ASTM D5185(m)		<b>9</b>	10	---
Phosphorus	ppm	ASTM D5185(m)		<b>1396</b>	1459	---
Zinc	ppm	ASTM D5185(m)		<b>13</b>	18	---
Sulfur	ppm	ASTM D5185(m)		<b>21704</b>	24606	---
Lithium	ppm	ASTM D5185(m)		<b>1</b>	1	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	<b>16</b>	31	---
Sodium	ppm	ASTM D5185(m)		<b>10</b>	4	---
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	1	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	Visual*	>.2	<b>NEG</b>	NEG	---
Free Water	scalar	Visual*		<b>NEG</b>	NEG	---

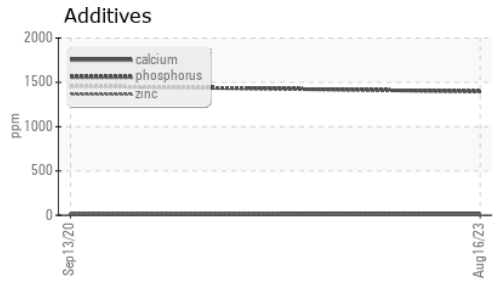
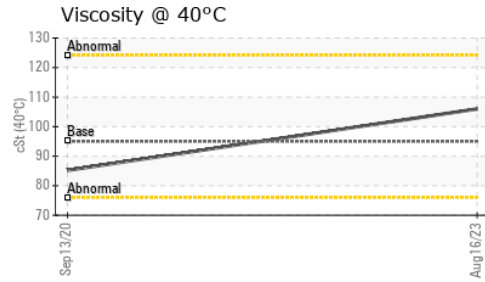
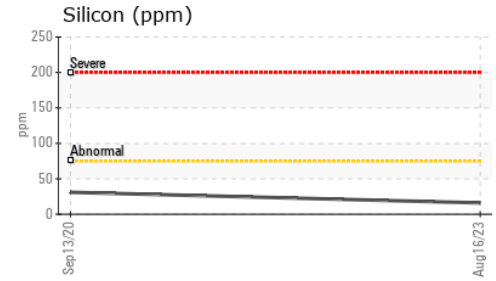
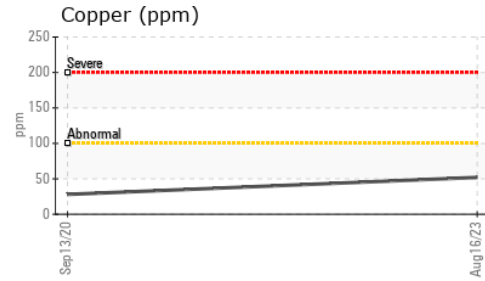
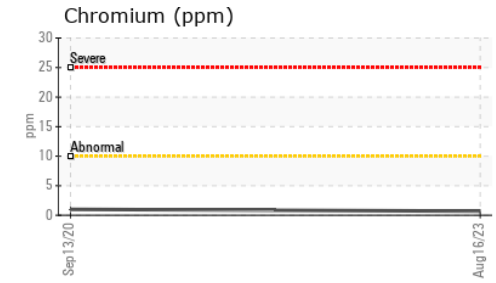
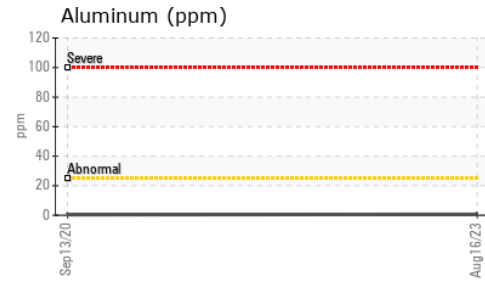
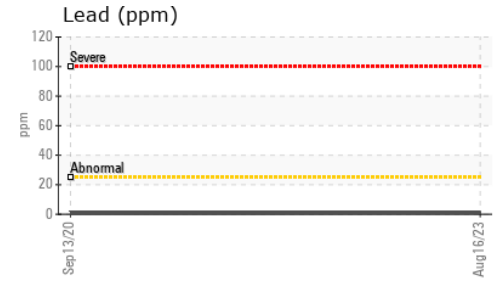
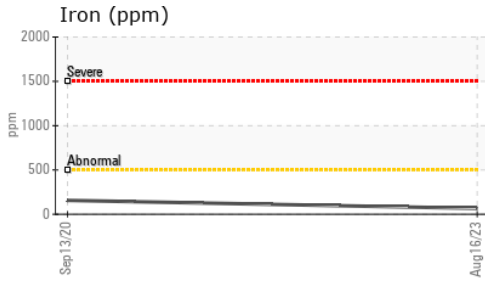
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	95	<b>106</b>	85.2	---

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0019305 **Received** : 22 Aug 2023  
**Lab Number** : **02577577** **Diagnosed** : 22 Aug 2023  
**Unique Number** : 5630637 **Diagnostician** : Wes Davis  
**Test Package** : MOB 1

**ORICA CANADA INC.**  
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 VALD'OR, QC  
 CA J9P 6X1  
 Contact: Jocelyn Laroche  
 jocelyn.laroche@orica.com  
 T: (819)860-1320  
 F:

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.