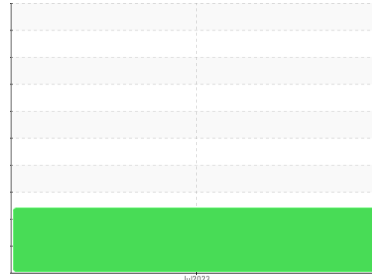




# OIL ANALYSIS REPORT

Sample Rating Trend

WATER



Machine Id  
**MACK 928125**  
 Component  
**2 Differential**  
 Fluid  
**GEAR OIL SAE 80W90 (--- LTR)**

## DIAGNOSIS

### Recommendation

Nous vous recommandons de vérifier la source de l'infiltration d'eau. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiquent que ce fluide est du (GENERIC) GEAR OIL SAE 80W90. Veuillez confirmer.

### Wear

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

### Contamination

Concentration modérée d'eau dans l'huile. Présence d'eau libre.

### Fluid Condition

l'huile ne peut plus être utilisée en raison de la présence de contaminants.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>GFL0080950</b>	---	---
Sample Date	Client Info		<b>31 Jul 2023</b>	---	---
Machine Age	hrs	Client Info	<b>8954</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>ABNORMAL</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>870	<b>208</b>	---
Chromium	ppm	ASTM D5185(m)	>8	<b>2</b>	---
Nickel	ppm	ASTM D5185(m)	>25	<b>0</b>	---
Titanium	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---
Aluminum	ppm	ASTM D5185(m)	>40	<b>10</b>	---
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	---
Copper	ppm	ASTM D5185(m)	>60	<b>1</b>	---
Tin	ppm	ASTM D5185(m)	>5	<b>0</b>	---
Antimony	ppm	ASTM D5185(m)	>5	<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)	400	<b>204</b>	---
Barium	ppm	ASTM D5185(m)	200	<b>5</b>	---
Molybdenum	ppm	ASTM D5185(m)	12	<b>&lt;1</b>	---
Manganese	ppm	ASTM D5185(m)		<b>4</b>	---
Magnesium	ppm	ASTM D5185(m)	12	<b>6</b>	---
Calcium	ppm	ASTM D5185(m)	150	<b>50</b>	---
Phosphorus	ppm	ASTM D5185(m)	1650	<b>935</b>	---
Zinc	ppm	ASTM D5185(m)	125	<b>21</b>	---
Sulfur	ppm	ASTM D5185(m)	22500	<b>21749</b>	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---

## CONTAMINANTS

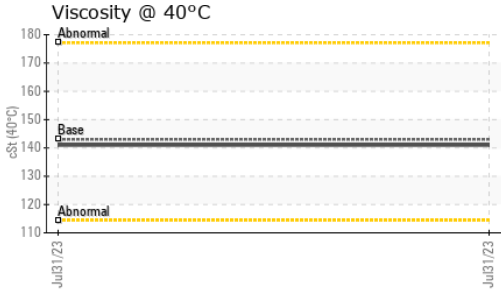
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>285	<b>45</b>	---
Sodium	ppm	ASTM D5185(m)	>170	<b>74</b>	---
Potassium	ppm	ASTM D5185(m)	>20	<b>86</b>	---

## 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>LIGHT</b>	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---
Appearance	scalar	Visual*	NORML	<b>WGOIL</b>	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---
Emulsified Water	scalar	Visual*	>.2	<b>.2%</b>	---
Free Water	scalar	Visual*		<b>1%</b>	---



# OIL ANALYSIS REPORT

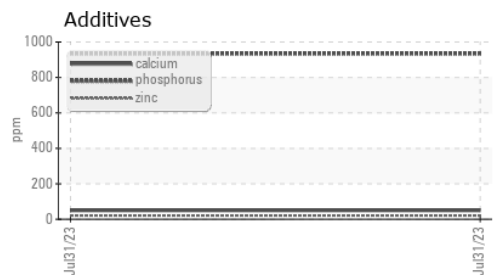
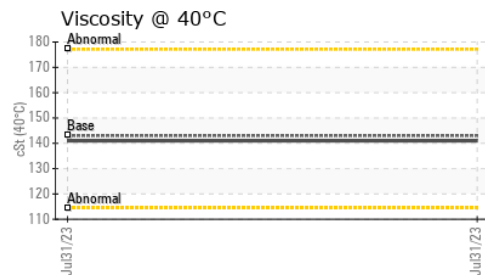
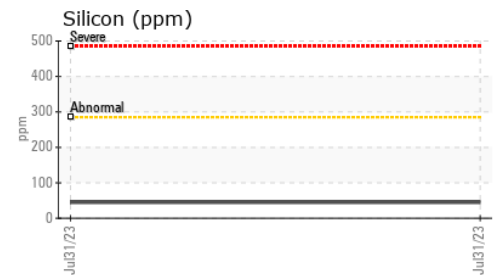
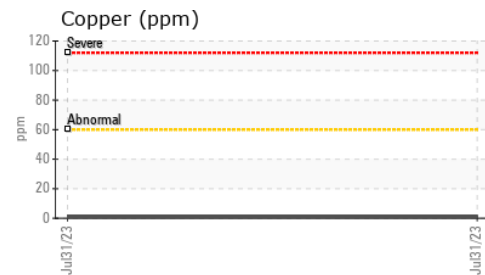
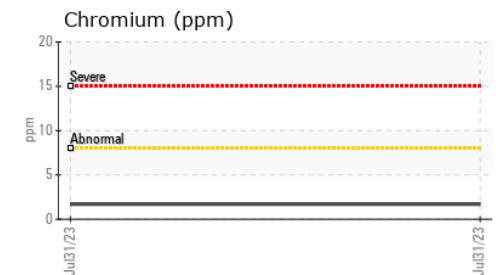
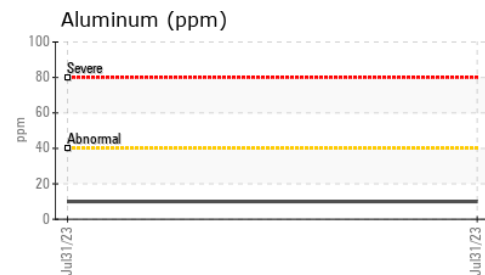
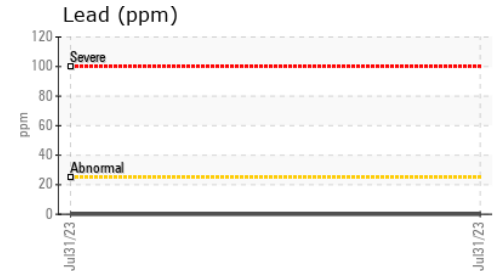
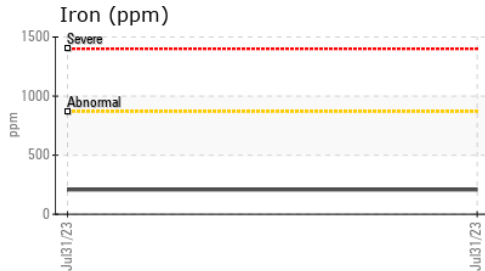


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	143	<b>141</b>	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------

Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental 791MAT - Matane**  
**Sample No.** : GFL0080950 **Received** : 18 Aug 2023 29 rue Brilliant  
**Lab Number** : **02576873** **Diagnosed** : 21 Aug 2023 Matane, QC  
**Unique Number** : 5629933 **Diagnostician** : Kevin Marson CA G4W 0J7  
**Test Package** : MOB 1 Contact: B Berube

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: