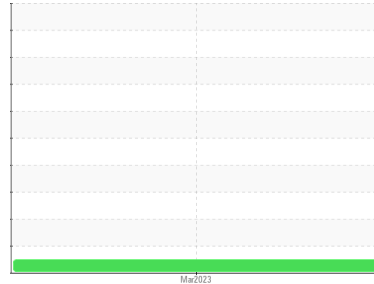




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**WAJAX**  
 Machine Id  
**DETROIT GD10689B**

Component  
**Diesel Engine**  
 Fluid  
**DISEL ENGINE OIL SAE 40 (--- 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 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>GD0005500</b>	---	---
Sample Date	Client Info			<b>22 Mar 2023</b>	---	---
Machine Age	hrs	Client Info		<b>1739</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed	Client Info			<b>Changed</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

CONTAMINATION		method	limit/base	current	history1	history2
Fuel	WC Method	>5		<b>&lt;1.0</b>	---	---
Glycol	WC Method			<b>NEG</b>	---	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	<b>2</b>	---	---
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>30	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>30	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185(m)	>30	<b>1</b>	---	---
Tin	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	---	---
Antimony	ppm	ASTM D5185(m)		<b>&lt;1</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)	250	<b>2</b>	---	---
Barium	ppm	ASTM D5185(m)	10	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	100	<b>47</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Magnesium	ppm	ASTM D5185(m)	450	<b>754</b>	---	---
Calcium	ppm	ASTM D5185(m)	3000	<b>867</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	1150	<b>867</b>	---	---
Zinc	ppm	ASTM D5185(m)	1350	<b>927</b>	---	---
Sulfur	ppm	ASTM D5185(m)	4250	<b>2744</b>	---	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---

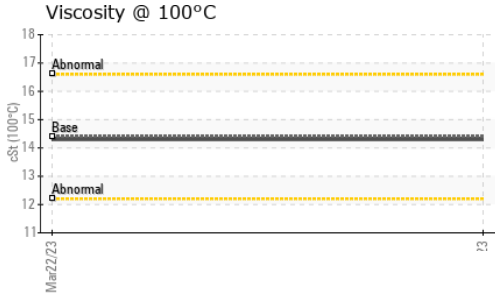
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>30	<b>5</b>	---	---
Sodium	ppm	ASTM D5185(m)	>216	<b>2</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>0.8	<b>0</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>4.0</b>	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>15.7</b>	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>6.5</b>	---	---



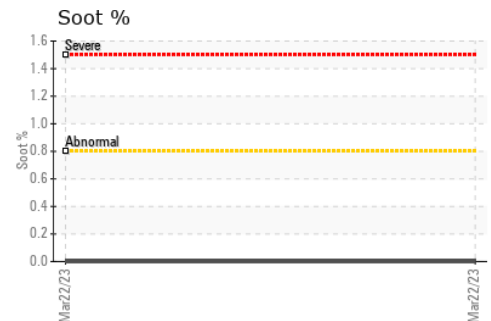
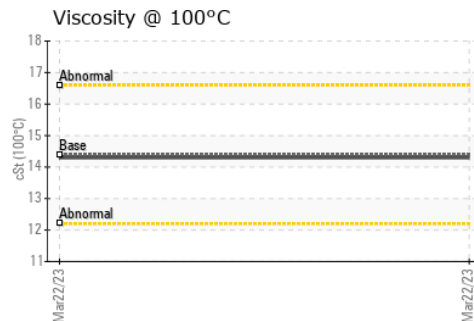
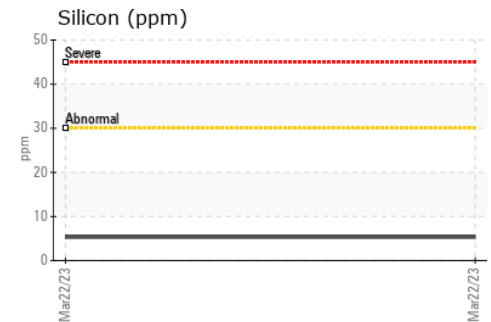
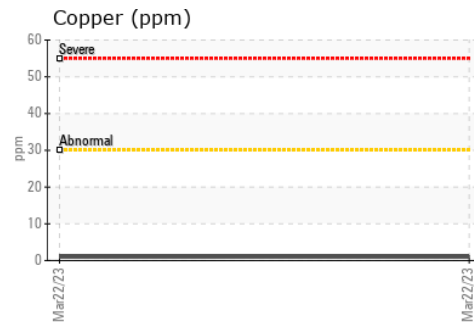
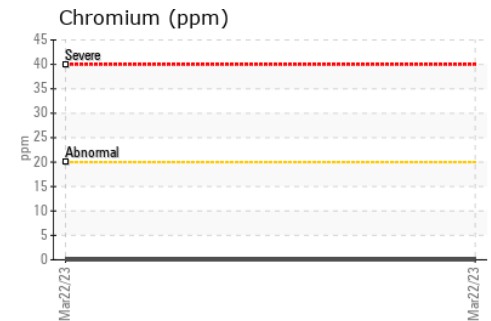
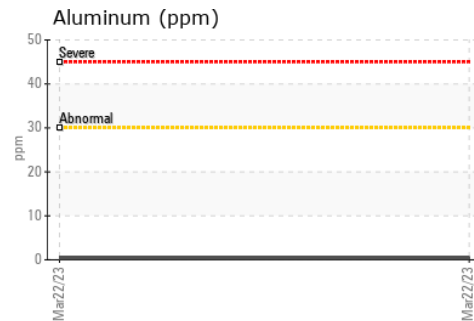
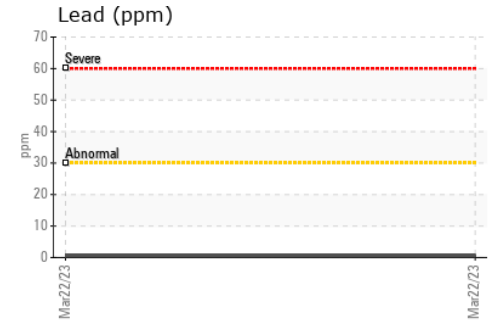
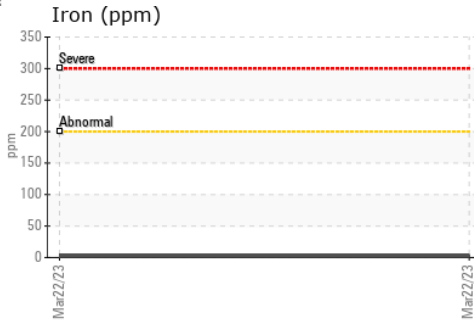
# OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history1	history2
Emulsified Water	scalar	Visual*	>0.2	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	14.4	<b>14.3</b>	---

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GD0005500      **Received** : 28 Mar 2023  
**Lab Number** : **02547891**      **Diagnosed** : 28 Mar 2023  
**Unique Number** : 5552901      **Diagnostician** : Wes Davis  
**Test Package** : MOB 1

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 CA J0C 1K0  
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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.