



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**3817807**

Component  
**Right Gasoline Engine**

Fluid  
**DIESEL ENGINE OIL SAE 30 (--- LTR)**

## RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>AP102669</b>	---	---
Sample Date		Client Info		<b>22 Sep 2023</b>	---	---
Machine Age	hrs	Client Info		<b>1131</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>150	<b>13</b>	---	---
Chromium	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>40	<b>5</b>	---	---
Lead	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185(m)	>155	<b>14</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---

## CONTAMINATION

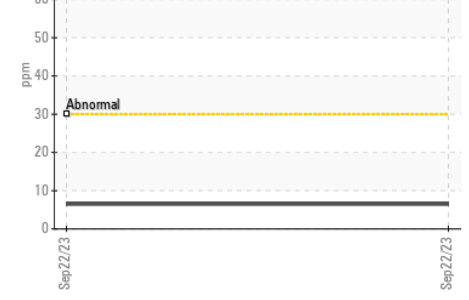
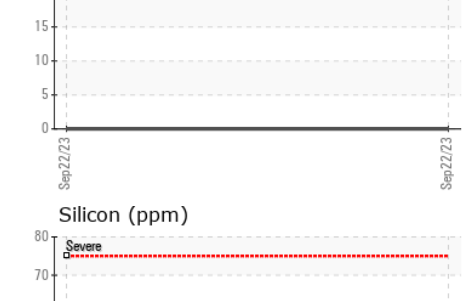
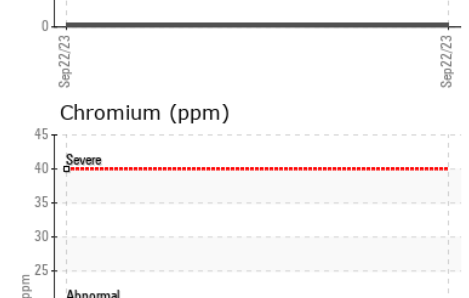
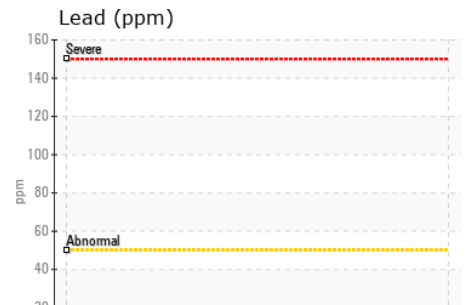
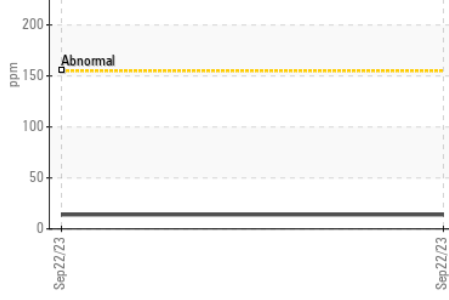
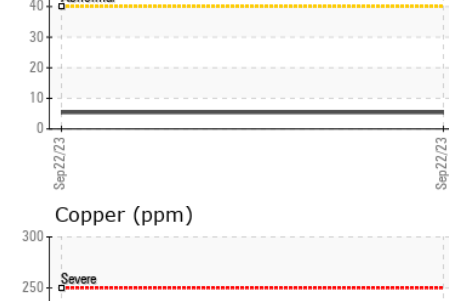
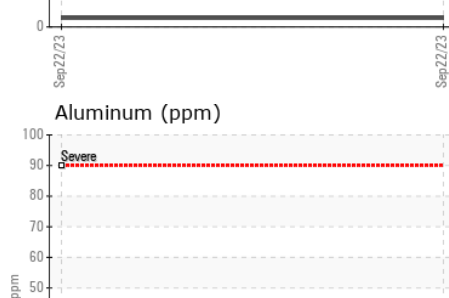
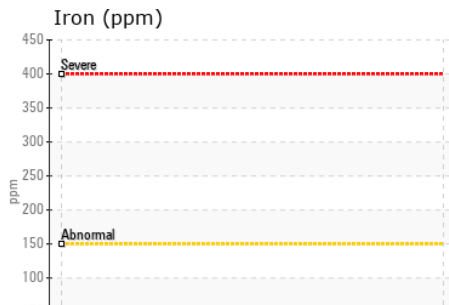
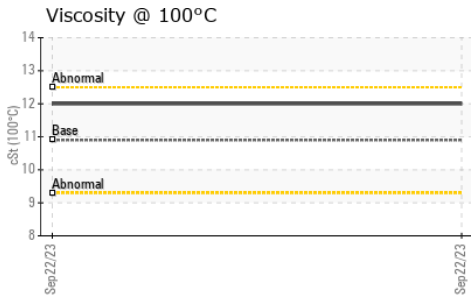
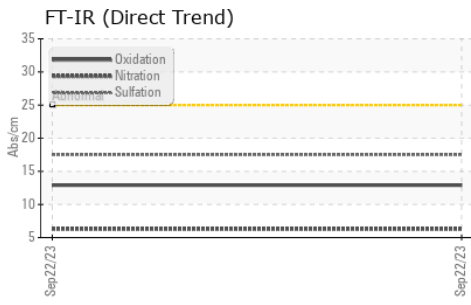
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>30	<b>6</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	---	---
Fuel		WC Method	>4.0	<b>&lt;1.0</b>	---	---
Water		WC Method	>0.2	<b>NEG</b>	---	---
Glycol		WC Method		<b>NEG</b>	---	---
Soot %	%	ASTM D7844*		<b>0</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>6.3</b>	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>17.5</b>	---	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	---	---

## FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>75	<b>13</b>	---	---
Boron	ppm	ASTM D5185(m)	250	<b>28</b>	---	---
Barium	ppm	ASTM D5185(m)	10	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	100	<b>56</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	450	<b>762</b>	---	---
Calcium	ppm	ASTM D5185(m)	3000	<b>1039</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	1150	<b>863</b>	---	---
Zinc	ppm	ASTM D5185(m)	1350	<b>1012</b>	---	---
Sulfur	ppm	ASTM D5185(m)	4250	<b>2295</b>	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>12.9</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	<b>12.0</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : AP102669  
**Lab Number** : 02585192  
**Unique Number** : 5646257  
**Test Package** : MOB 1

**Received** : 26 Sep 2023  
**Tested** : 26 Sep 2023  
**Diagnosed** : 26 Sep 2023 - Wes Davis

**GUITE MECANIQUE MARINE INC**  
 81 CHEMIN DE LA RIVE  
 LONGUEUIL, QC  
 CA J4H 4C9  
 Contact: Service Manager  
 GUITEMARINE@QC.AIRA.COM

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: