



# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**HONDA 3280-08-78**

Component  
**Gasoline Engine**  
Fluid  
**SAE 0W20 (--- GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil.

### Fluid Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0848181</b>	---	---
Sample Date	Client Info			<b>24 Aug 2023</b>	---	---
Machine Age	kms	Client Info		<b>75350</b>	---	---
Oil Age	kms	Client Info		<b>14200</b>	---	---
Oil Changed	Client Info			<b>Changed</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

CONTAMINATION		method	limit/base	current	history1	history2
Fuel	WC Method		>4.0	<b>&lt;1.0</b>	---	---
Glycol	WC Method			<b>NEG</b>	---	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>150	<b>17</b>	---	---
Chromium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>2</b>	---	---
Silver	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>40	<b>6</b>	---	---
Lead	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185(m)	>155	<b>18</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>37</b>	---	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>62</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>7</b>	---	---
Magnesium	ppm	ASTM D5185(m)		<b>536</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>877</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>528</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>572</b>	---	---
Sulfur	ppm	ASTM D5185(m)		<b>2505</b>	---	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---

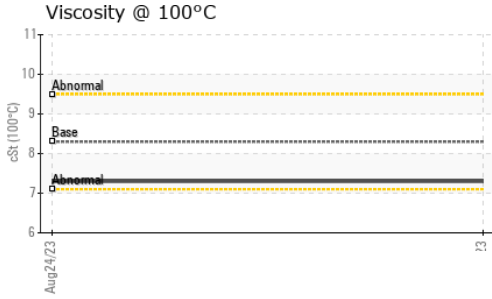
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>30	<b>15</b>	---	---
Sodium	ppm	ASTM D5185(m)	>400	<b>6</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*		<b>0</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>12.9</b>	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>26.2</b>	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>21.4</b>	---	---



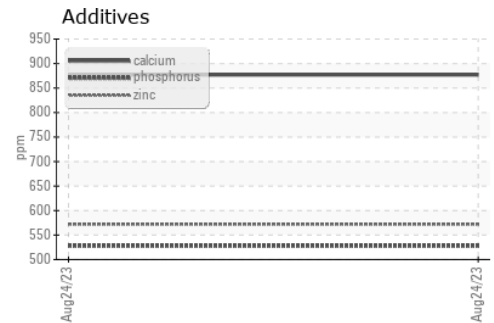
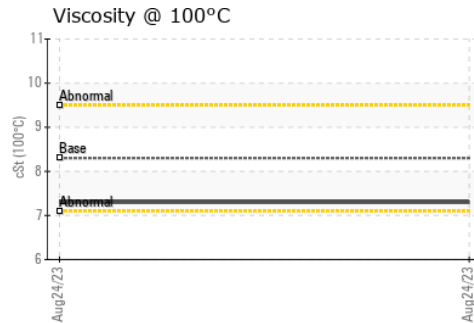
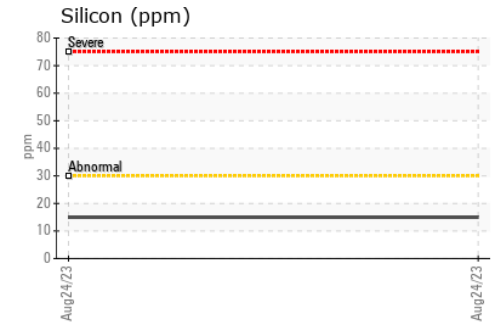
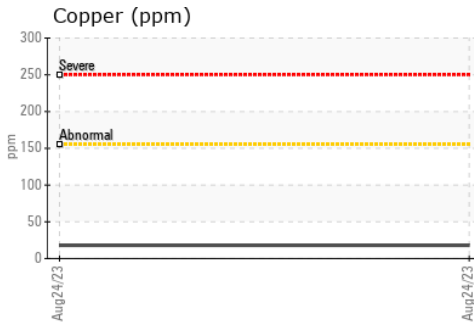
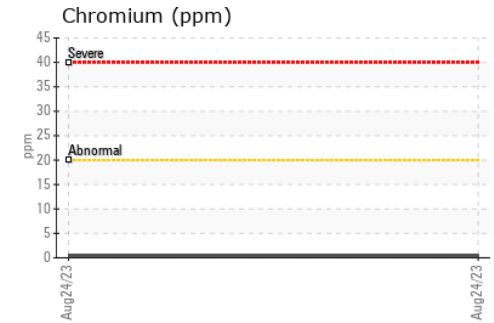
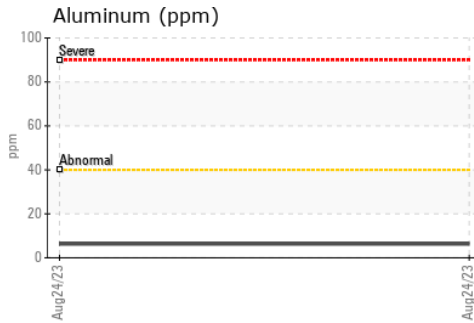
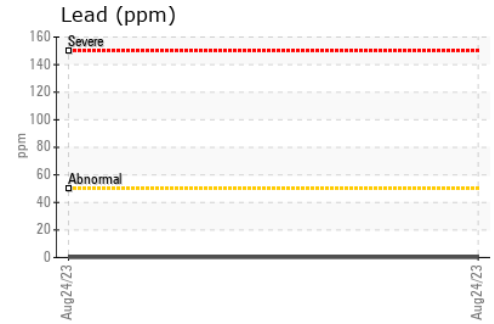
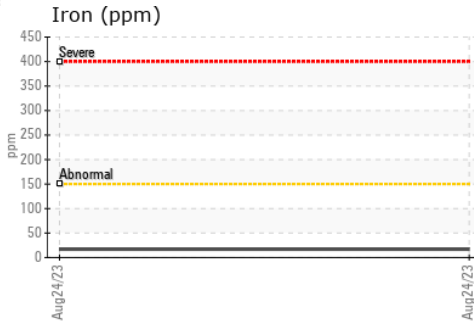
# OIL ANALYSIS REPORT



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)	8.3	7.3	---

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Transport Canada-Motor Vehicle Regulations Enforcement  
**Sample No.** : WC0848181 **Received** : 25 Aug 2023  
**Lab Number** : 02578446 **Diagnosed** : 28 Aug 2023  
**Unique Number** : 5631506 **Diagnostician** : Kevin Marson  
**Test Package** : MOB 1

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.

Contact: Carolanne Marenger  
 carolanne.marenger@tc.gc.ca  
 T: (800)333-0510  
 F: