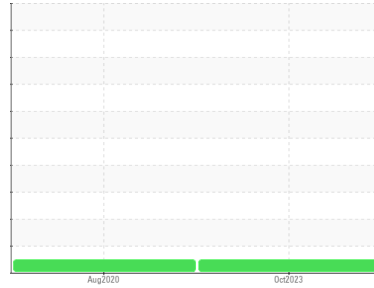




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**[41871338]**  
 Machine Id  
**9455**  
 Component  
**Diesel Engine**  
 Fluid  
**CHEVRON DELO 400 SAE 10W30 (--- 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>WC0853499</b>	WC0420752	---
Sample Date	Client Info			<b>21 Oct 2023</b>	05 Aug 2020	---
Machine Age	kms	Client Info		<b>141953</b>	72132	---
Oil Age	kms	Client Info		<b>0</b>	3218	---
Oil Changed	Client Info			<b>Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Fuel	WC Method		>5	<b>&lt;1.0</b>	<1.0	---
Glycol	WC Method			<b>NEG</b>	0.0	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>100	<b>37</b>	62	---
Chromium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Silver	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>20	<b>4</b>	6	---
Lead	ppm	ASTM D5185(m)	>40	<b>2</b>	2	---
Copper	ppm	ASTM D5185(m)	>330	<b>2</b>	17	---
Tin	ppm	ASTM D5185(m)	>15	<b>0</b>	1	---
Antimony	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	<1	---
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>34</b>	32	---
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	---
Molybdenum	ppm	ASTM D5185(m)		<b>1</b>	3	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	1	---
Magnesium	ppm	ASTM D5185(m)		<b>721</b>	742	---
Calcium	ppm	ASTM D5185(m)		<b>1332</b>	1373	---
Phosphorus	ppm	ASTM D5185(m)	1260	<b>653</b>	690	---
Zinc	ppm	ASTM D5185(m)	1400	<b>759</b>	792	---
Sulfur	ppm	ASTM D5185(m)		<b>2447</b>	2568	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---

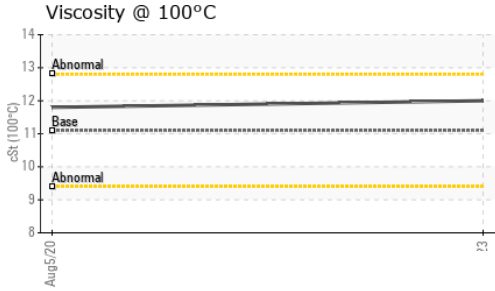
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	<b>5</b>	7	---
Sodium	ppm	ASTM D5185(m)		<b>3</b>	1	---
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	6	---

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	<b>2.3</b>	1.3	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>14.5</b>	13.9	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	<b>27.3</b>	25.5	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*	>25	<b>21.2</b>	21.0	---



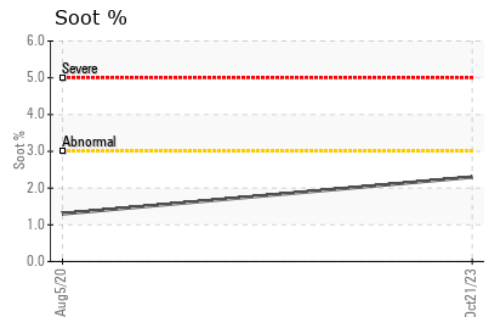
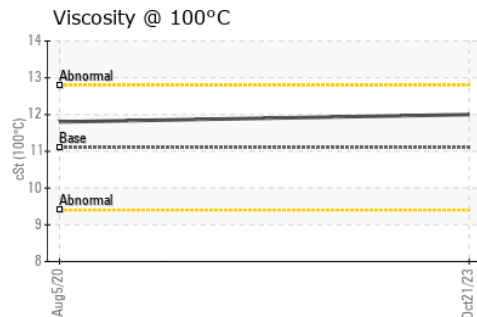
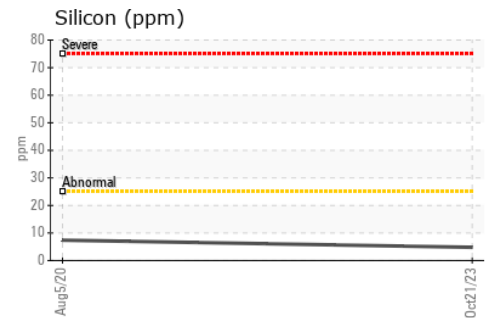
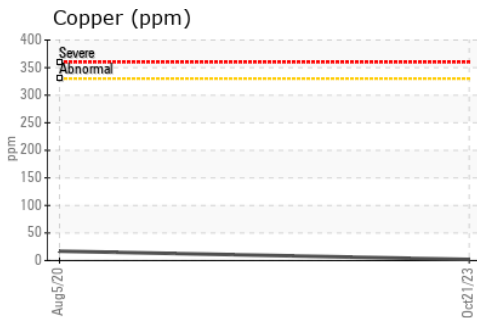
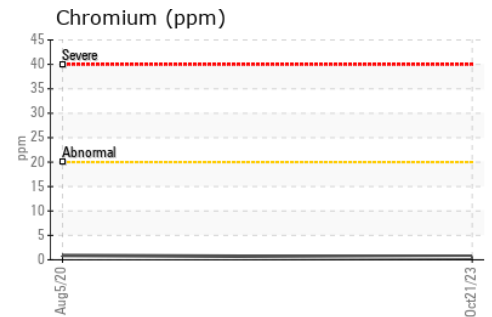
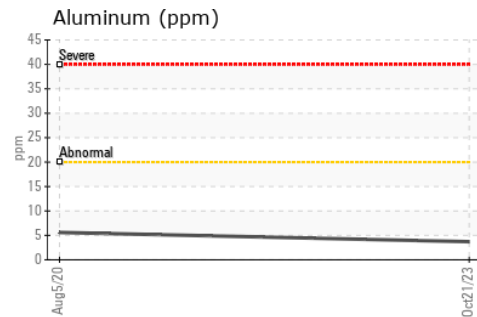
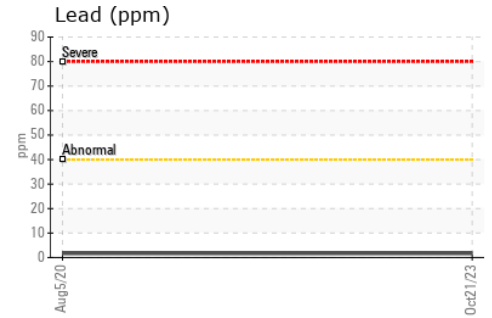
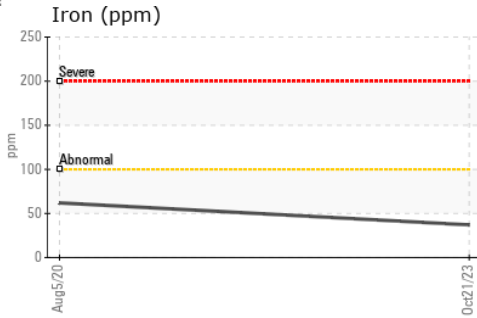
# OIL ANALYSIS REPORT



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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	11.1	12.0	11.8

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0853499      **Received** : 25 Oct 2023  
**Lab Number** : 02591591      **Diagnosed** : 25 Oct 2023  
**Unique Number** : 5668670      **Diagnostician** : Wes Davis  
**Test Package** : MOB 1

**Rush Truck Centres**  
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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.