



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**CHEVROLET Az30667**  
 Component  
**Gasoline Engine**  
 Fluid  
**PENNZOIL PLATINUM FULL SYNTHETIC 0W20 (5 LTR)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0944766	---	---
Sample Date		Client Info		11 May 2024	---	---
Machine Age	kms	Client Info		155500	---	---
Oil Age	kms	Client Info		5000	---	---
Filter Age	kms	Client Info		5000	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>150	4	---	---
Chromium	ppm	ASTM D5185(m)	>20	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>2	0	---	---
Aluminum	ppm	ASTM D5185(m)	>40	1	---	---
Lead	ppm	ASTM D5185(m)	>50	0	---	---
Copper	ppm	ASTM D5185(m)	>155	2	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

## CONTAMINATION

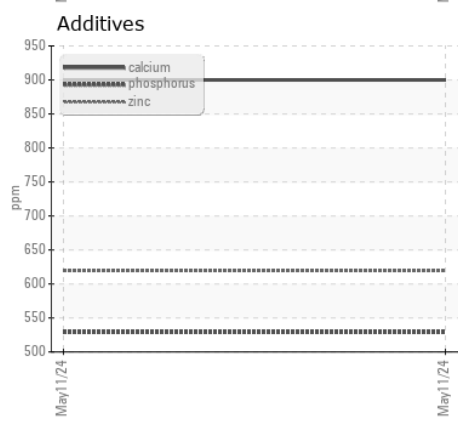
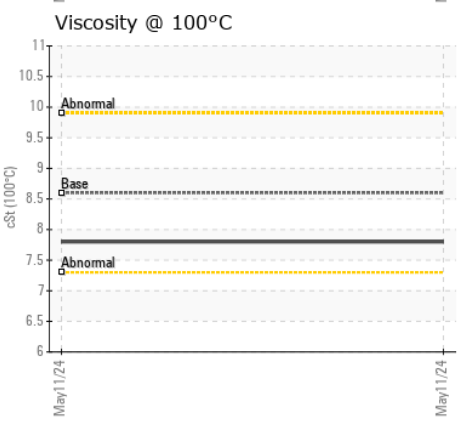
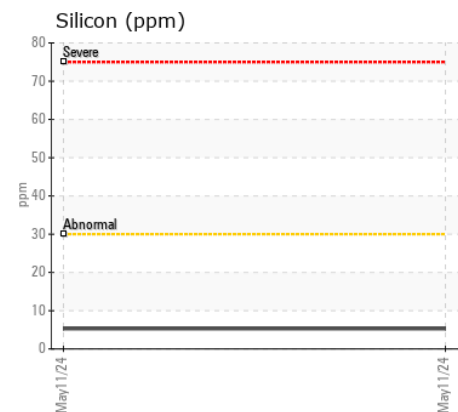
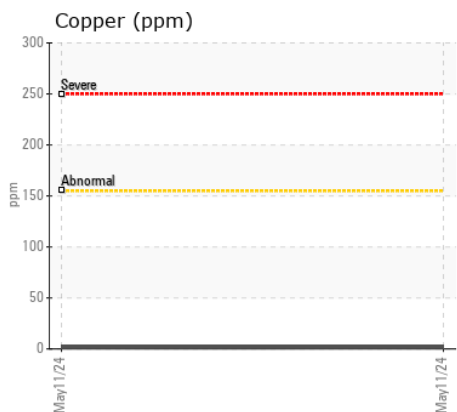
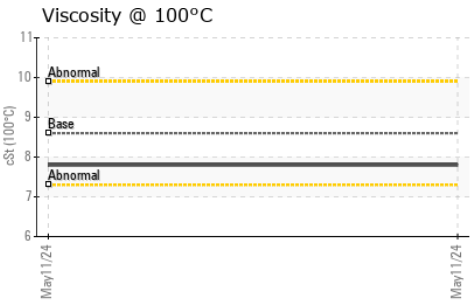
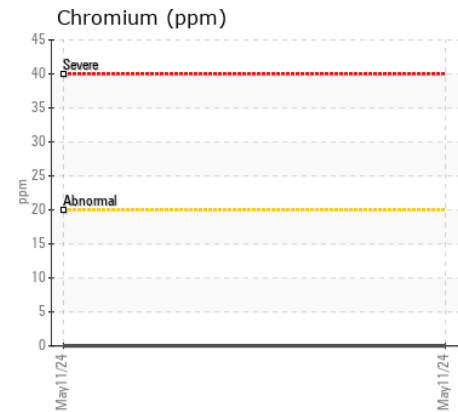
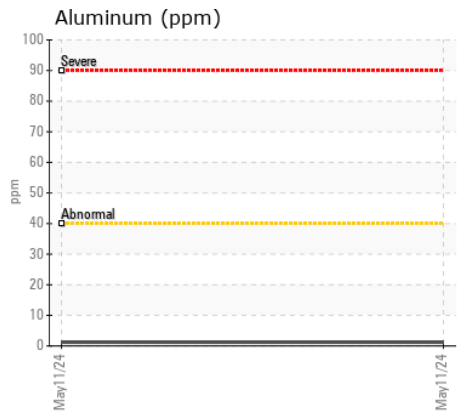
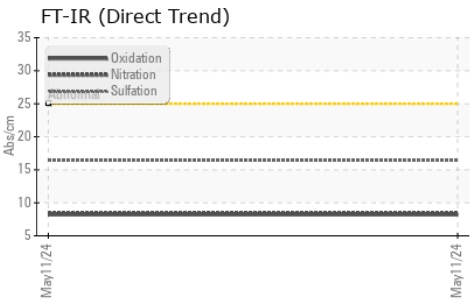
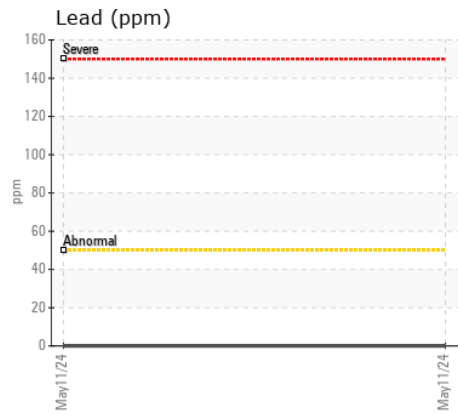
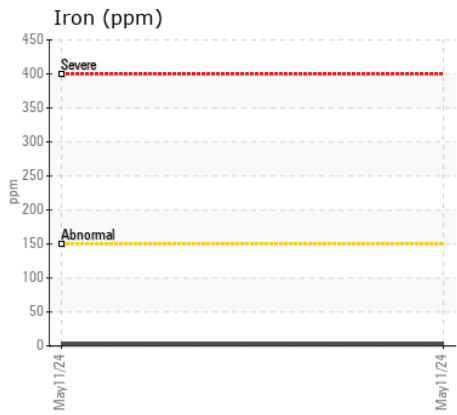
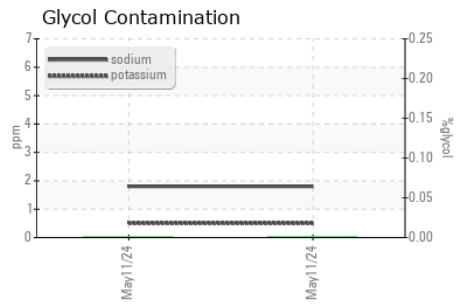
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>30	5	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
Fuel		WC Method	>4.0	<1.0	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol	%	ASTM D7922*		0.0	---	---
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	8.4	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	16.4	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)	>400	2	---	---
Boron	ppm	ASTM D5185(m)	220	6	---	---
Barium	ppm	ASTM D5185(m)	0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	75	59	---	---
Manganese	ppm	ASTM D5185(m)	0	<1	---	---
Magnesium	ppm	ASTM D5185(m)	650	377	---	---
Calcium	ppm	ASTM D5185(m)	925	900	---	---
Phosphorus	ppm	ASTM D5185(m)	550	529	---	---
Zinc	ppm	ASTM D5185(m)	620	619	---	---
Sulfur	ppm	ASTM D5185(m)	2800	1363	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	8.2	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	8.6	7.8	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0944766 **Received** : 21 May 2024  
**Lab Number** : 02636588 **Tested** : 21 May 2024  
**Unique Number** : 5785750 **Diagnosed** : 21 May 2024 - Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: Glycol )

**Jack MacKenzie**  
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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.