



# OIL ANALYSIS REPORT

Sample Rating Trend



CONTAMINANT



Machine Id  
**CHEVROLET 24044**

Component  
**Gasoline**

Fluid  
**No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)**

## DIAGNOSIS

### Recommendation

Please note that this is a corrected copy for laboratory data updates.

### Wear

All metal levels are normal indicating no corrosion in the system.

### Contamination

There is a light concentration of water present in the gasoline. Light concentration of visible dirt/debris present in the gasoline. Anthrone test for sugar contamination is negative.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0701525</b>	---	---
Sample Date	Client Info		<b>25 Jun 2024</b>	---	---
Machine Age	mls	Client Info	<b>0</b>	---	---
Oil Age	mls	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>ABNORMAL</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	<b>0</b>	---	---
Chromium	ppm	ASTM D5185m	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	<b>1</b>	---	---
Titanium	ppm	ASTM D5185m	<b>0</b>	---	---
Silver	ppm	ASTM D5185m	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m	<b>0</b>	---	---
Lead	ppm	ASTM D5185m	<b>0</b>	---	---
Copper	ppm	ASTM D5185m	<b>0</b>	---	---
Tin	ppm	ASTM D5185m	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	---	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 2	<b>2</b>	---	---
Barium	ppm	ASTM D5185m 2	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185m 2	<b>0</b>	---	---
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Magnesium	ppm	ASTM D5185m 2	<b>0</b>	---	---
Calcium	ppm	ASTM D5185m 2	<b>0</b>	---	---
Phosphorus	ppm	ASTM D5185m 2	<b>0</b>	---	---
Zinc	ppm	ASTM D5185m 2	<b>0</b>	---	---
Sulfur	ppm	ASTM D5185m 10	<b>0</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<b>0</b>	---	---
Sodium	ppm	ASTM D5185m >5	<b>4</b>	---	---
Potassium	ppm	ASTM D5185m >20	<b>0</b>	---	---
Water	%	ASTM D6304 >0.05	<b>▲ 0.311</b>	---	---
ppm Water	ppm	ASTM D6304 >500	<b>▲ 3114</b>	---	---
Sugar	text	NONE	<b>▲ NEG</b>	---	---

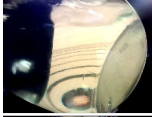
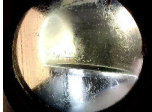
## VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	---	---
Precipitate	scalar	*Visual NONE	<b>NONE</b>	---	---
Silt	scalar	*Visual NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual NONE	<b>▲ LIGHT</b>	---	---
Sand/Dirt	scalar	*Visual NONE	<b>NONE</b>	---	---
Appearance	scalar	*Visual NORML	<b>NORML</b>	---	---
Odor	scalar	*Visual NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	*Visual >0.05	<b>NEG</b>	---	---
Free Water	scalar	*Visual	<b>NEG</b>	---	---

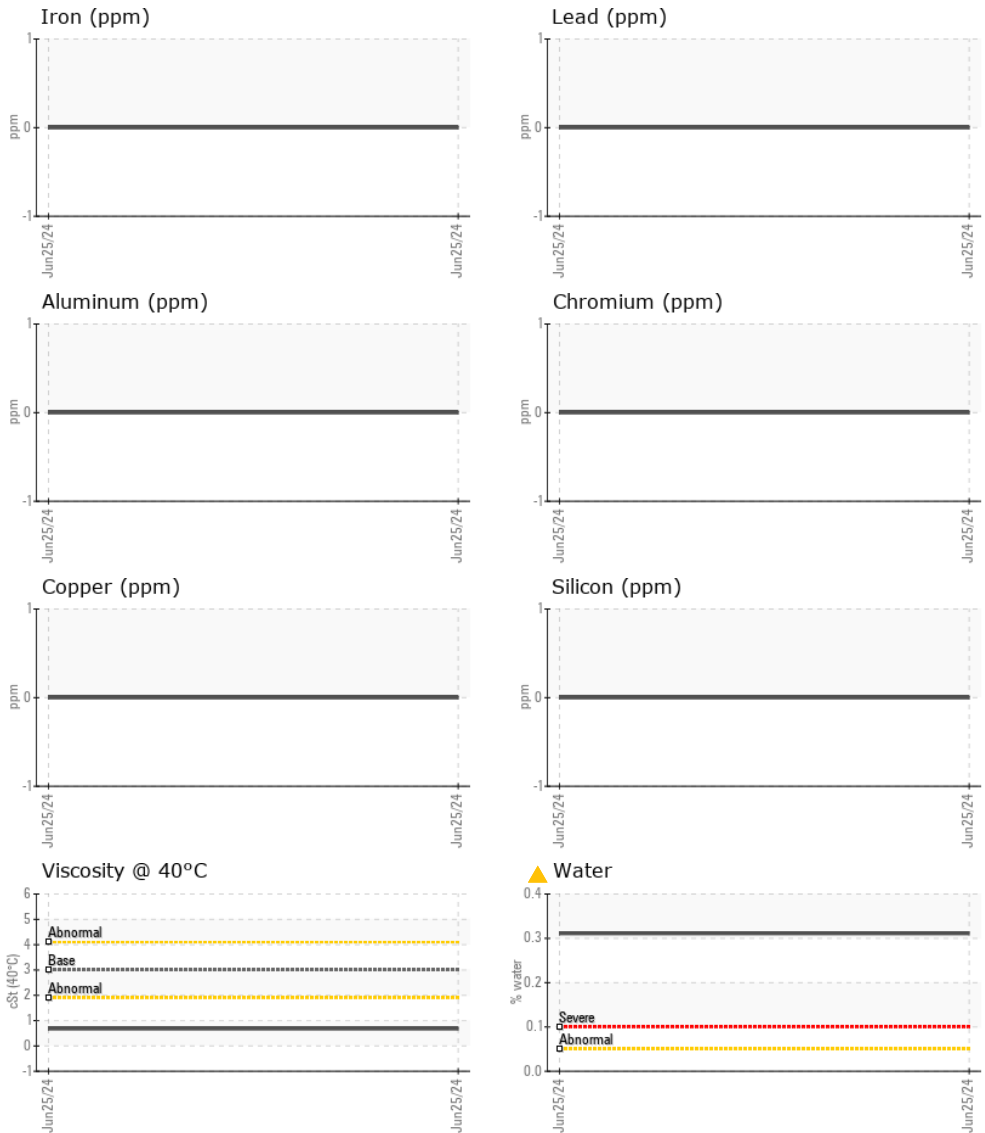


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FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 3.0	0.68	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0701525      **Received** : 26 Jun 2024  
**Lab Number** : 06221757      **Tested** : 19 Jul 2024  
**Unique Number** : 11099954      **Diagnosed** : 19 Jul 2024 - Doug Bogart  
**Test Package** : MOB 2 ( Additional Tests: KF, SUGAR )

**NATIONAL GENERAL INSURANCE**  
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 US 27102  
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 T: (252)617-9467  
 F: (800)924-0273

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)