



# VOLVO

## OIL ANALYSIS REPORT

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



Area  
**[398203]**  
Machine Id  
**VOLVO L60F 71471**  
Component  
**Transmission (Auto)**  
Fluid  
**VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP450440</b>	VCP380034	---
Sample Date		Client Info		<b>01 Apr 2024</b>	07 Nov 2023	---
Machine Age	hrs	Client Info		<b>4742</b>	4493	---
Oil Age	hrs	Client Info		<b>249</b>	2000	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Changed</b>	Changed	---
Filter Changed		Client Info		<b>Not Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>160	<b>22</b>	70	---
Chromium	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185(m)	>50	<b>2</b>	6	---
Lead	ppm	ASTM D5185(m)	>50	<b>0</b>	2	---
Copper	ppm	ASTM D5185(m)	>225	<b>2</b>	6	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

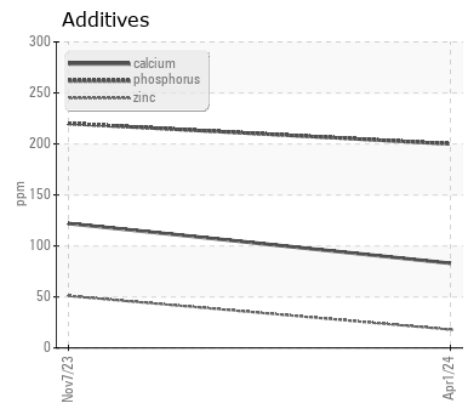
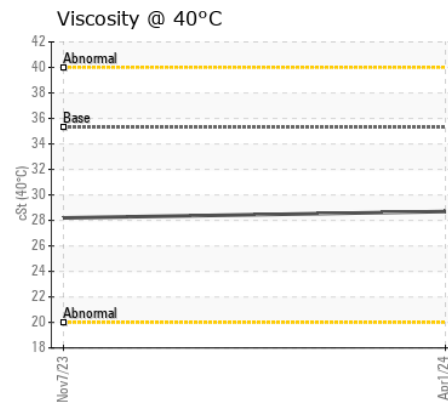
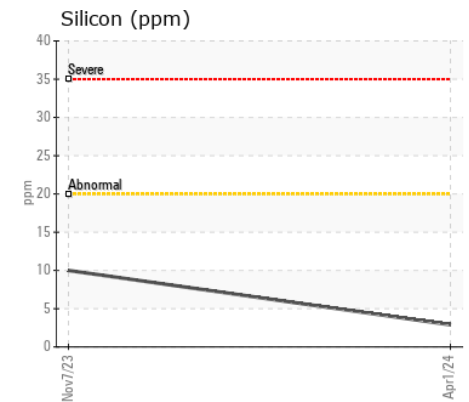
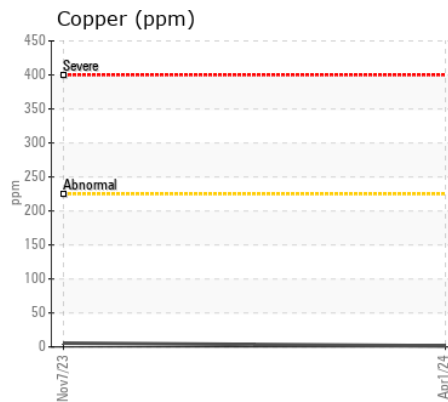
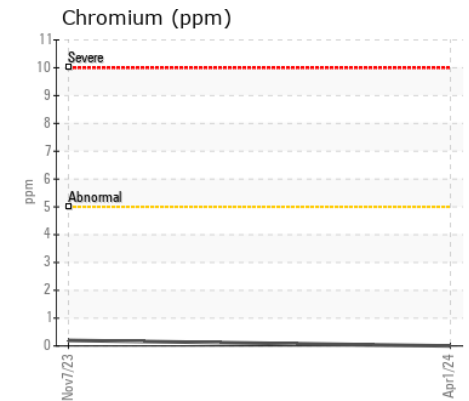
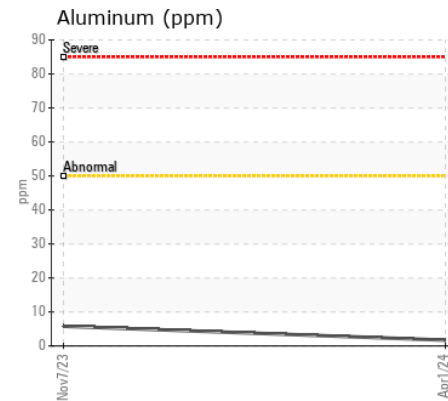
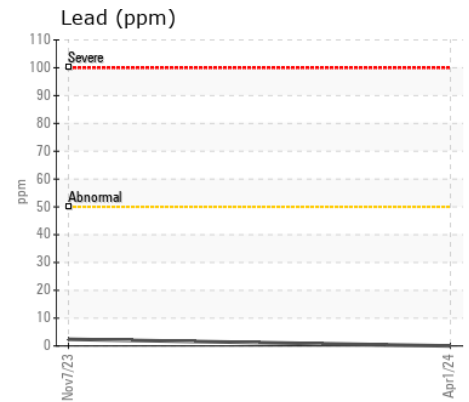
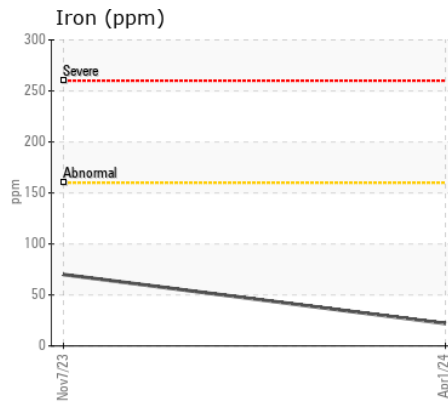
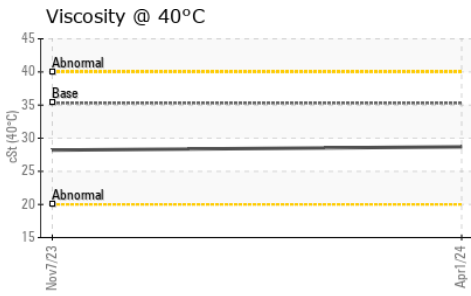
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	<b>3</b>	10	---
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		<b>3</b>	7	---
Boron	ppm	ASTM D5185(m)	187	<b>81</b>	68	---
Barium	ppm	ASTM D5185(m)	0.0	<b>0</b>	<1	---
Molybdenum	ppm	ASTM D5185(m)	0.0	<b>0</b>	0	---
Manganese	ppm	ASTM D5185(m)	0.0	<b>0</b>	4	---
Magnesium	ppm	ASTM D5185(m)	6.8	<b>2</b>	1	---
Calcium	ppm	ASTM D5185(m)	215	<b>83</b>	122	---
Phosphorus	ppm	ASTM D5185(m)	445	<b>200</b>	220	---
Zinc	ppm	ASTM D5185(m)	56	<b>18</b>	51	---
Sulfur	ppm	ASTM D5185(m)	1336	<b>1518</b>	1336	---
Visc @ 40°C	cSt	ASTM D7279(m)	35.3	<b>28.7</b>	28.2	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : VCP450440 **Received** : 02 Apr 2024  
**Lab Number** : 02626126 **Tested** : 02 Apr 2024  
**Unique Number** : 5759258 **Diagnosed** : 03 Apr 2024 - Kevin Marson  
**Test Package** : MOB 1

**STRONGCO EQUIP (AB)**  
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 RED DEER COUNTY, AB  
 CA T4S 2L4  
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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.