



# VOLVO

## OIL ANALYSIS REPORT

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



Area  
**[403033]**

Machine Id  
**16-8010**

Component  
**Transmission (Auto)**

Fluid  
**VOLVO EXTRA AUTOMATIC FLUID (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP449293</b>	VCP449301	VCP380360
Sample Date		Client Info		<b>04 May 2024</b>	26 Jan 2024	29 Oct 2023
Machine Age	hrs	Client Info		<b>12000</b>	11503	10994
Oil Age	hrs	Client Info		<b>4000</b>	3500	3000
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>140	<b>46</b>	39	31
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185(m)	>10	<b>1</b>	1	<1
Lead	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185(m)	>100	<b>6</b>	6	6
Tin	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

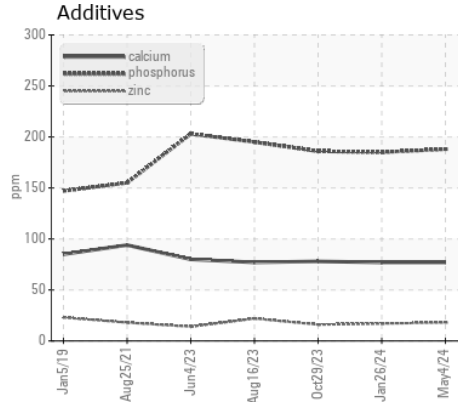
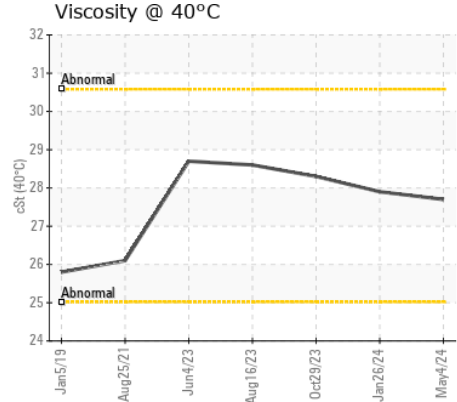
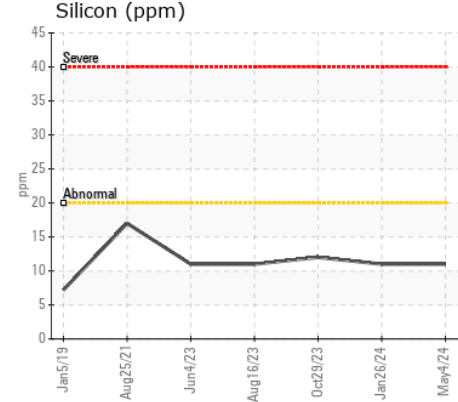
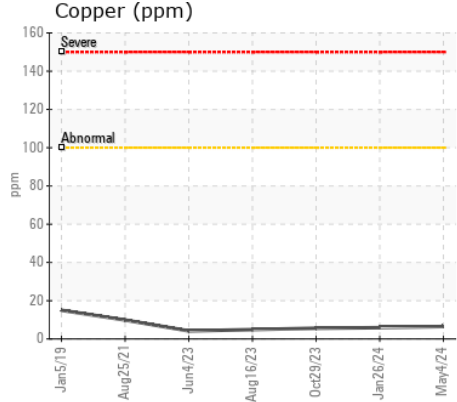
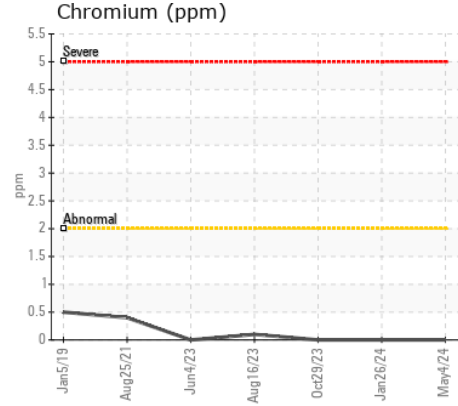
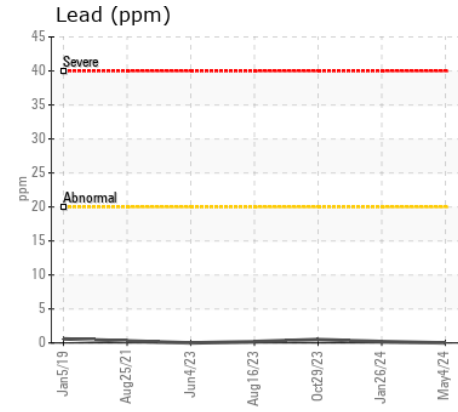
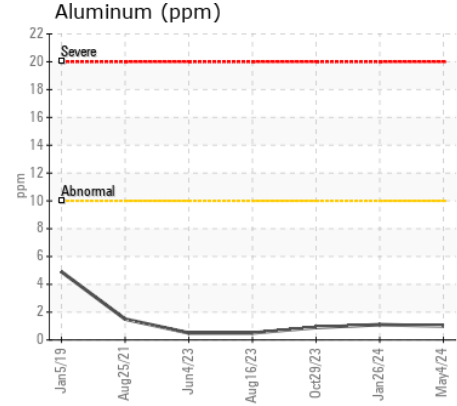
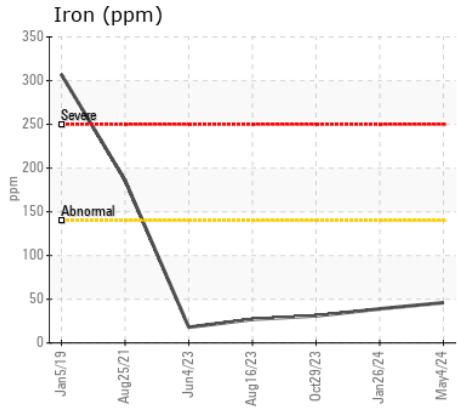
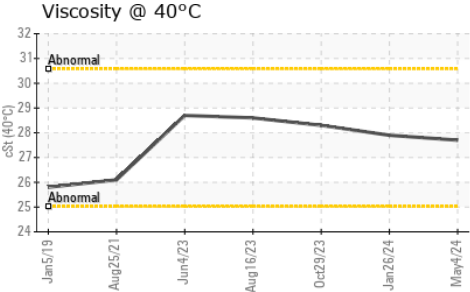
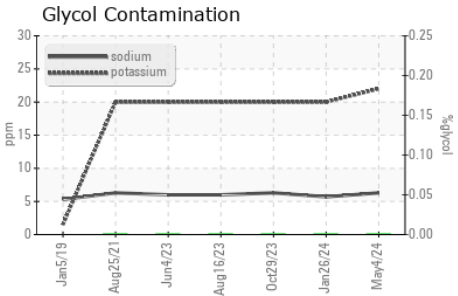
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	<b>11</b>	11	12
Potassium	ppm	ASTM D5185(m)	>20	<b>22</b>	20	20
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Glycol	%	ASTM D7922*		<b>0.0</b>	0.0	0.0
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		<b>6</b>	6	6
Boron	ppm	ASTM D5185(m)		<b>66</b>	63	66
Barium	ppm	ASTM D5185(m)		<b>4</b>	3	4
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)		<b>4</b>	4	4
Magnesium	ppm	ASTM D5185(m)		<b>7</b>	6	6
Calcium	ppm	ASTM D5185(m)		<b>77</b>	77	78
Phosphorus	ppm	ASTM D5185(m)		<b>188</b>	185	186
Zinc	ppm	ASTM D5185(m)		<b>18</b>	17	16
Sulfur	ppm	ASTM D5185(m)		<b>1625</b>	1719	1699
Visc @ 40°C	cSt	ASTM D7279(m)		<b>27.7</b>	27.9	28.3



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : VCP449293 **Received** : 13 May 2024  
**Lab Number** : 02634981 **Tested** : 13 May 2024  
**Unique Number** : 5776134 **Diagnosed** : 13 May 2024 - Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: Glycol )

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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.

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F: