



# VOLVO

## OIL ANALYSIS REPORT

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



Area  
**CHERRY FOREST PRODUCT [405120]**  
Machine Id  
**VOLVO L70H 624145**  
Component  
**Front Axle**  
Fluid  
**VOLVO WET BRAKE TRANSAXLE OIL (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP380351</b>	---	---
Sample Date		Client Info		<b>17 May 2024</b>	---	---
Machine Age	hrs	Client Info		<b>3960</b>	---	---
Oil Age	hrs	Client Info		<b>2000</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>Changed</b>	---	---
Filter Changed		Client Info		<b>Not Changed</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>500	<b>35</b>	---	---
Chromium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>30	<b>1</b>	---	---
Lead	ppm	ASTM D5185(m)	>50	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m)	>120	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---

### CONTAMINATION

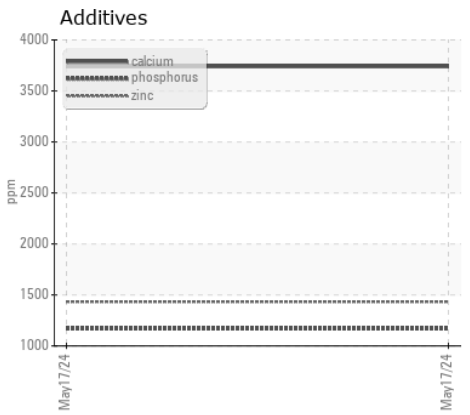
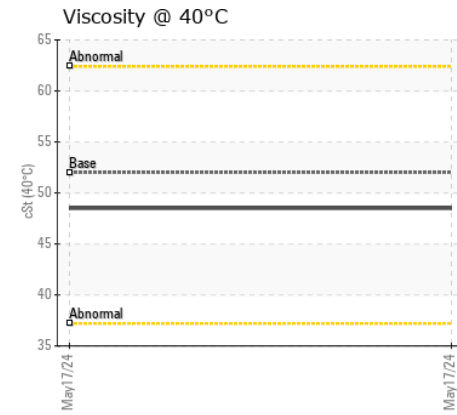
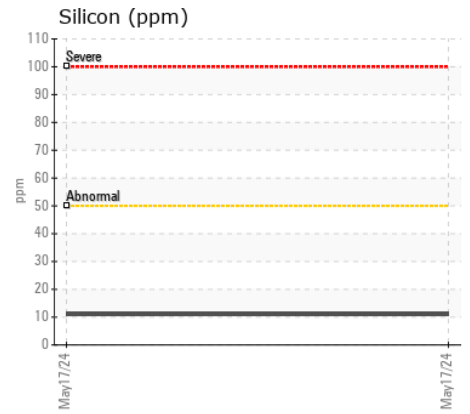
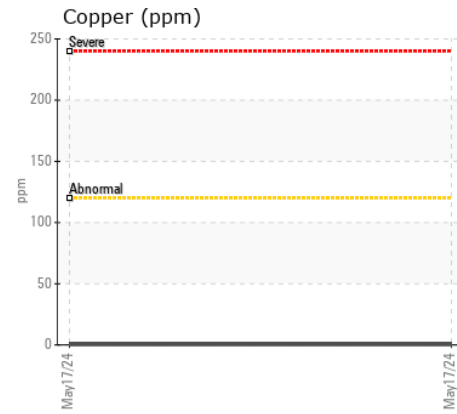
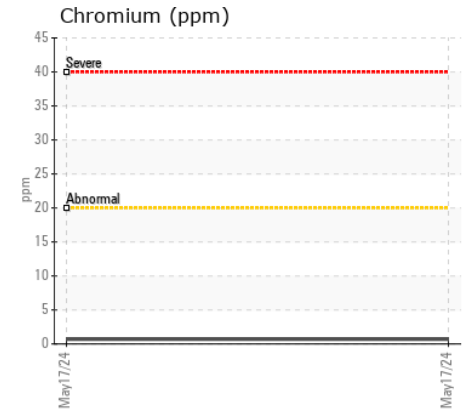
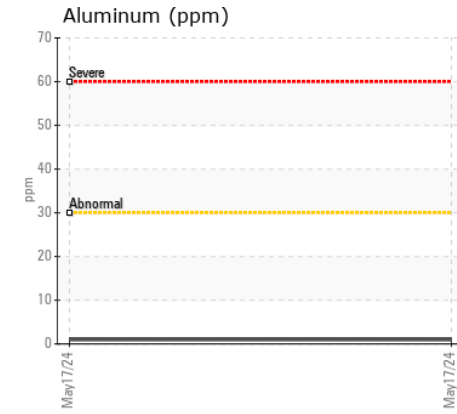
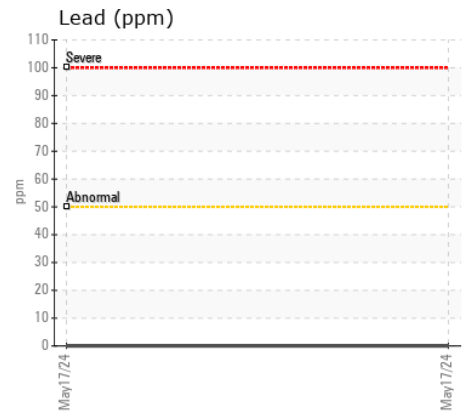
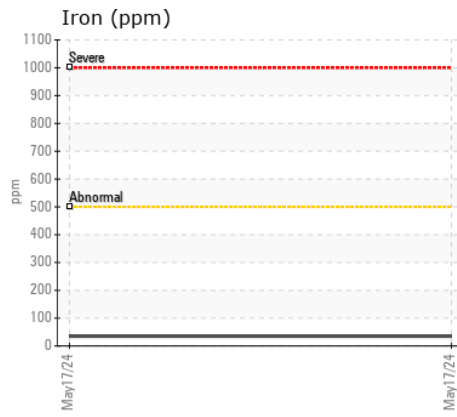
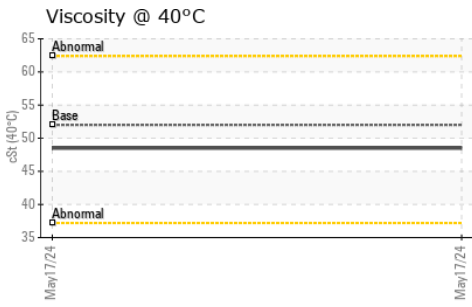
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>50	<b>11</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Water		WC Method	>0.2	<b>NEG</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</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*	>0.2	<b>NEG</b>	---	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		<b>9</b>	---	---
Boron	ppm	ASTM D5185(m)	100	<b>105</b>	---	---
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>2</b>	---	---
Magnesium	ppm	ASTM D5185(m)	0	<b>17</b>	---	---
Calcium	ppm	ASTM D5185(m)	3800	<b>3740</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	1200	<b>1169</b>	---	---
Zinc	ppm	ASTM D5185(m)	1500	<b>1433</b>	---	---
Sulfur	ppm	ASTM D5185(m)	6500	<b>4032</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	52.0	<b>48.5</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : VCP380351 **Received** : 28 May 2024  
**Lab Number** : 02638222 **Tested** : 29 May 2024  
**Unique Number** : 5787384 **Diagnosed** : 29 May 2024 - Wes Davis  
**Test Package** : MOB 1

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.

**Strongco Equipment**  
 5179 Fountain St N.  
 Breslau, ON  
 CA N0B 1M0  
 Contact: Eric Mailloux  
 emailoux@strongco.com  
 T: (519)744-3518  
 F: (519)744-3284