



# VOLVO

## OIL ANALYSIS REPORT

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



Area  
**[SWO-071810 APAC]**  
 Machine Id  
**VOLVO L150G 23140**  
 Component  
**Front Axle**  
 Fluid  
**TDH FLUID SAE 75W80 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP452733</b>	VCE171636	---
Sample Date		Client Info		<b>07 May 2024</b>	09 Aug 2013	---
Machine Age	hrs	Client Info		<b>6814</b>	1132	---
Oil Age	hrs	Client Info		<b>0</b>	1132	---
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>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	<b>29</b>	238	---
Chromium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	7	---
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	2	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>30	<b>2</b>	1	---
Lead	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185m	>120	<b>5</b>	<1	---
Tin	ppm	ASTM D5185m	>20	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

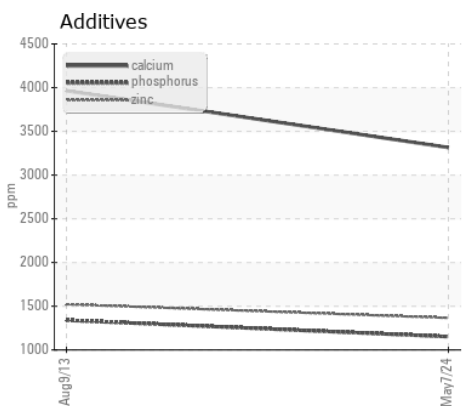
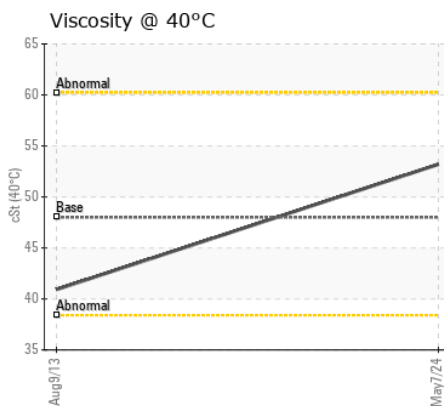
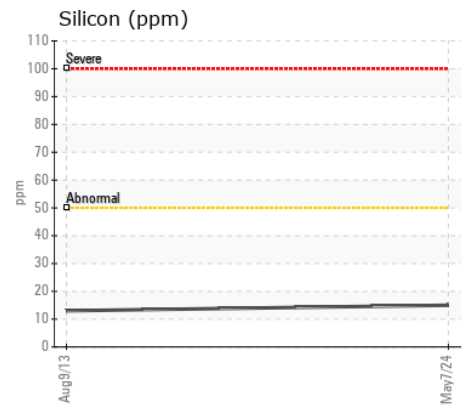
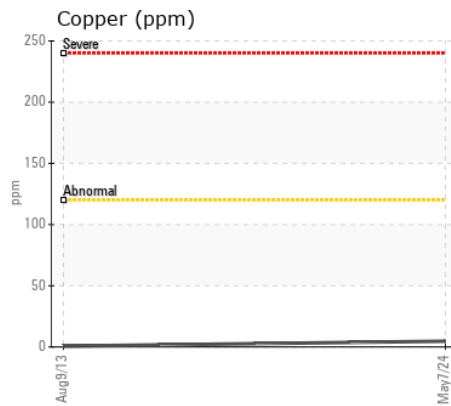
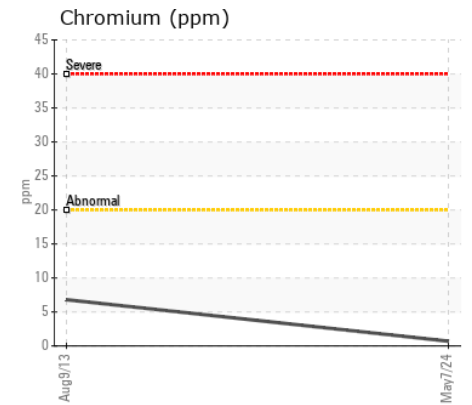
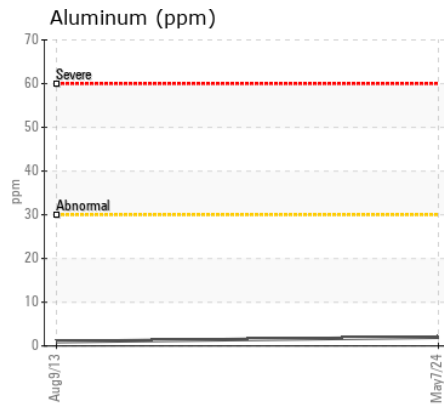
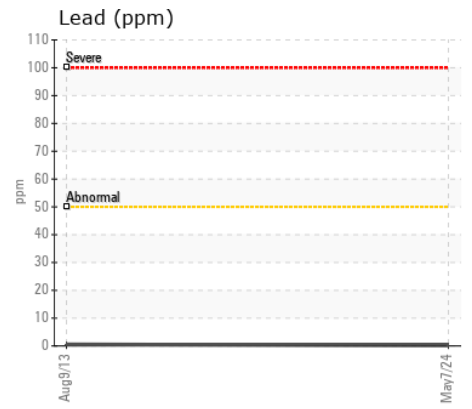
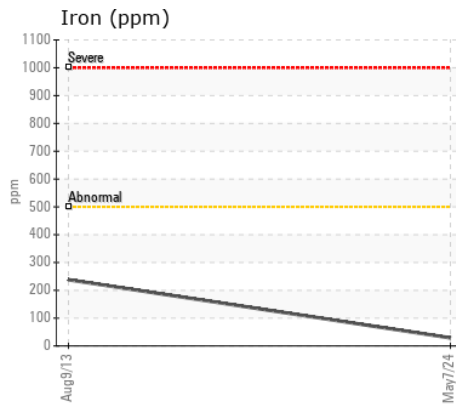
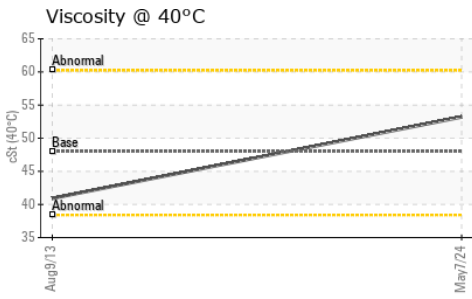
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	<b>15</b>	13	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	1	---
Water		WC Method	>0.2	<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>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>0</b>	3	---
Boron	ppm	ASTM D5185m	10	<b>126</b>	122	---
Barium	ppm	ASTM D5185m	10	<b>2</b>	0	---
Molybdenum	ppm	ASTM D5185m	10	<b>16</b>	8	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	10	---
Magnesium	ppm	ASTM D5185m	100	<b>77</b>	10	---
Calcium	ppm	ASTM D5185m	3500	<b>3315</b>	3965	---
Phosphorus	ppm	ASTM D5185m	1150	<b>1152</b>	1340	---
Zinc	ppm	ASTM D5185m	1150	<b>1366</b>	1522	---
Sulfur	ppm	ASTM D5185m	5000	<b>5958</b>	2767	---
Visc @ 40°C	cSt	ASTM D445	48	<b>53.2</b>	40.92	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP452733 **Received** : 10 May 2024  
**Lab Number** : 06175884 **Tested** : 13 May 2024  
**Unique Number** : 11021937 **Diagnosed** : 14 May 2024 - Sean Felton  
**Test Package** : MOB 1

**MIDSOUTH PAVING INC**  
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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)