



# VOLVO

## OIL ANALYSIS REPORT

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

Area

[SWO-071763]

Machine Id

**VOLVO A60H 340039**

Component

**Rear Right Final Drive**

Fluid

**GEAR OIL SAE 80W140 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

### CONTAMINATION

There is no indication of any contamination in the oil.

### FLUID CONDITION

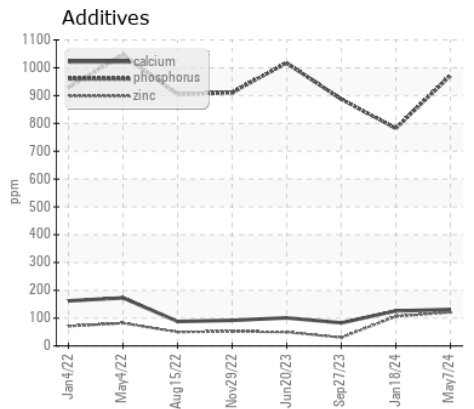
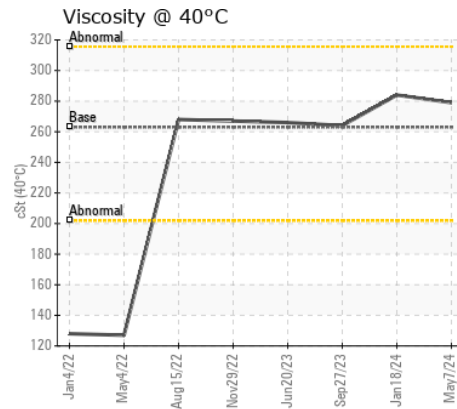
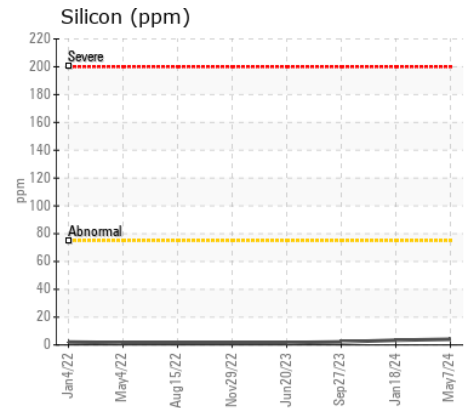
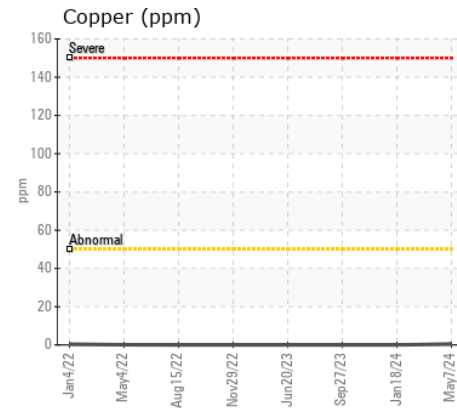
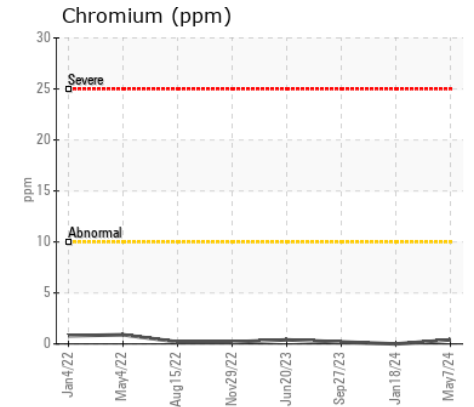
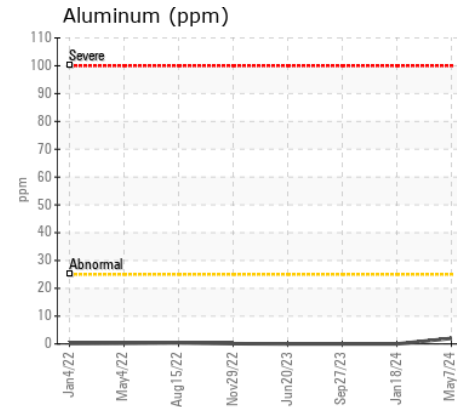
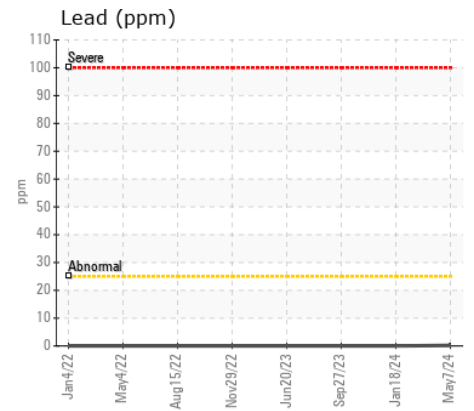
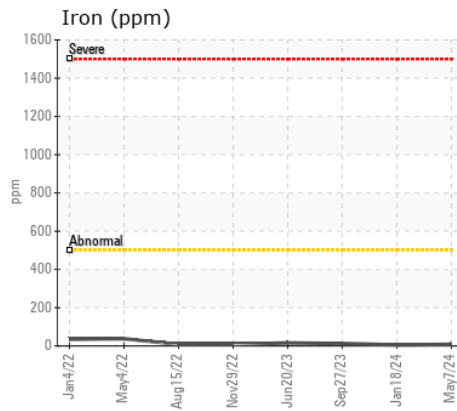
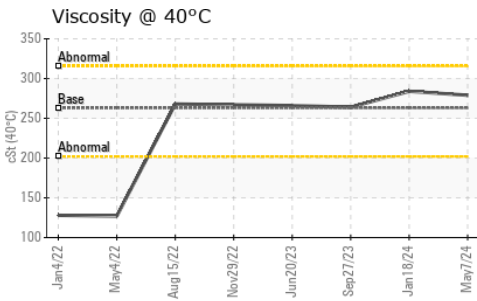
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP454753</b>	VCP440680	VCP435427
Sample Date		Client Info		<b>07 May 2024</b>	18 Jan 2024	27 Sep 2023
Machine Age	hrs	Client Info		<b>9022</b>	8521	8052
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Changed
Filter Changed		Client Info		<b>Not Changed</b>	N/A	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

Iron	ppm	ASTM D5185m	>500	<b>9</b>	6	13
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	0	0
Lead	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m	>50	<b>&lt;1</b>	0	0
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	<b>4</b>	3	2
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	1	1
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
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	>0.2	<b>NEG</b>	NEG	NEG

Sodium	ppm	ASTM D5185m		<b>0</b>	2	<1
Boron	ppm	ASTM D5185m	400	<b>160</b>	138	144
Barium	ppm	ASTM D5185m	200	<b>2</b>	<1	0
Molybdenum	ppm	ASTM D5185m	12	<b>8</b>	6	2
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m	12	<b>37</b>	36	12
Calcium	ppm	ASTM D5185m	150	<b>131</b>	126	83
Phosphorus	ppm	ASTM D5185m	1650	<b>972</b>	782	887
Zinc	ppm	ASTM D5185m	125	<b>121</b>	106	30
Sulfur	ppm	ASTM D5185m	22500	<b>23586</b>	17411	19569
Visc @ 40°C	cSt	ASTM D445	263	<b>279</b>	284	264



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP454753  
**Lab Number** : 06175899  
**Unique Number** : 11021952  
**Test Package** : MOB 1  
**Received** : 10 May 2024  
**Tested** : 13 May 2024  
**Diagnosed** : 14 May 2024 - Sean Felton

**SAIIA CONSTRUCTION LLC**  
 4400 LEWISBURG RD  
 BIRMINGHAM, AL  
 US 35207  
 Contact: STEPHANI BRITTON  
 sbritton@saiia.com;doug.bogart@wearcheck.com  
 T: (205)943-2268  
 F: (205)943-2269

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)