



# VOLVO

## OIL ANALYSIS REPORT

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



Machine Id  
**VOLVO EC350EL 314240**  
Component  
**Rear Left Final Drive**  
Fluid  
**GEAR OIL SAE 90W140 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 90W140. Please confirm.

### WEAR

All component wear rates are normal.

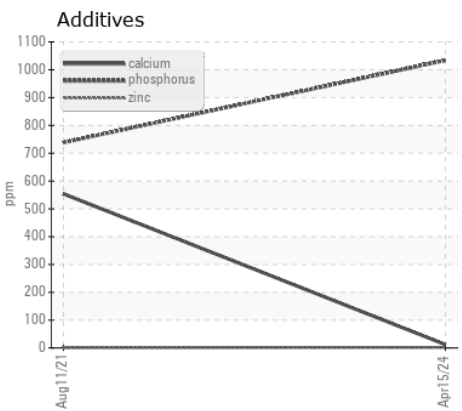
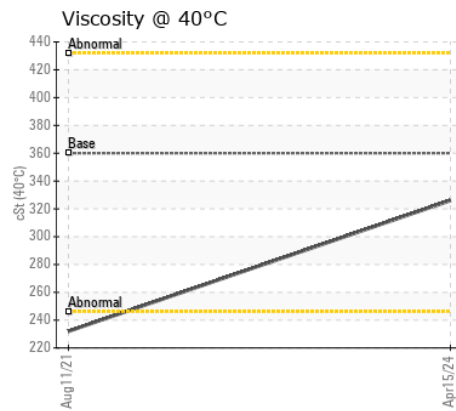
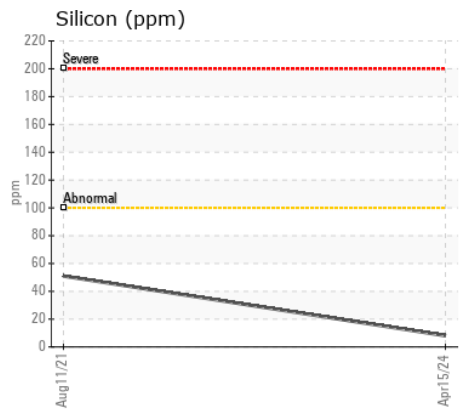
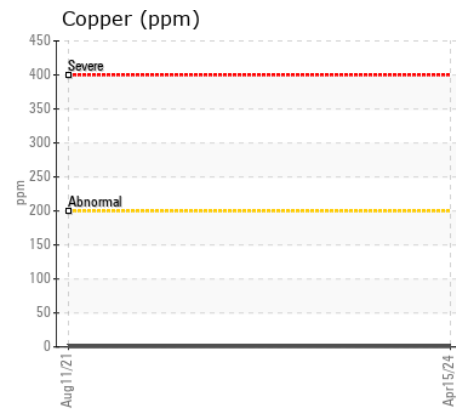
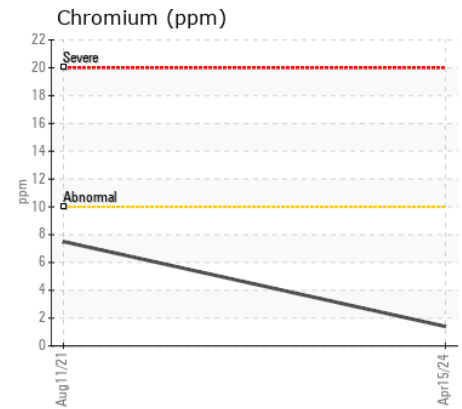
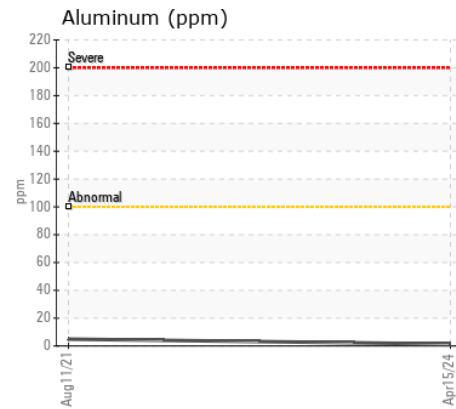
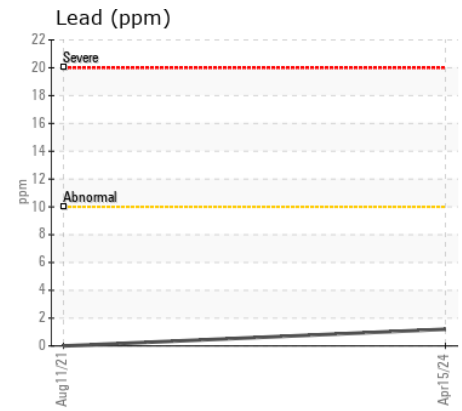
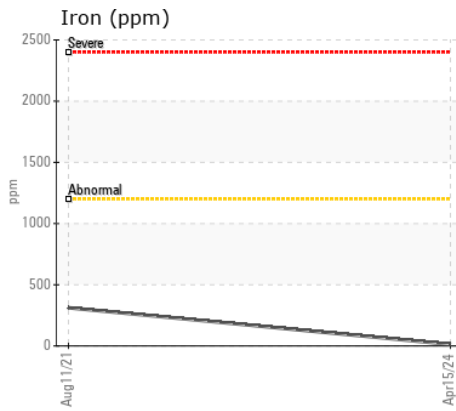
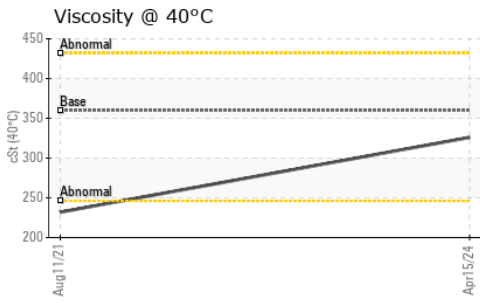
### CONTAMINATION

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>VCP0007832</b>	VCP320717	---
Sample Date		Client Info		<b>15 Apr 2024</b>	11 Aug 2021	---
Machine Age	hrs	Client Info		<b>0</b>	1096	---
Oil Age	hrs	Client Info		<b>0</b>	1096	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>N/A</b>	Not Changd	---
Filter Changed		Client Info		<b>N/A</b>	Not Changd	---
Sample Status				<b>NORMAL</b>	NORMAL	---
Iron	ppm	ASTM D5185m	>1200	<b>13</b>	312	---
Chromium	ppm	ASTM D5185m	>10	<b>1</b>	8	---
Nickel	ppm	ASTM D5185m	>10	<b>1</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185m	>100	<b>1</b>	5	---
Lead	ppm	ASTM D5185m	>10	<b>1</b>	0	---
Copper	ppm	ASTM D5185m	>200	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185m	>10	<b>1</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	MODER	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185m	>100	<b>8</b>	51	---
Potassium	ppm	ASTM D5185m	>20	<b>1</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	---
Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	14	---
Boron	ppm	ASTM D5185m	400	<b>201</b>	89	---
Barium	ppm	ASTM D5185m	200	<b>0</b>	<1	---
Molybdenum	ppm	ASTM D5185m	12	<b>1</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>1</b>	6	---
Magnesium	ppm	ASTM D5185m	12	<b>2</b>	23	---
Calcium	ppm	ASTM D5185m	150	<b>12</b>	554	---
Phosphorus	ppm	ASTM D5185m	1650	<b>1034</b>	738	---
Zinc	ppm	ASTM D5185m	125	<b>2</b>	<1	---
Sulfur	ppm	ASTM D5185m	22500	<b>32003</b>	22326	---
Visc @ 40°C	cSt	ASTM D445	360	<b>326</b>	232	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
 Sample No. : VCP0007832  
 Lab Number : 06152370  
 Unique Number : 10982448  
 Test Package : MOBCE

Received : 17 Apr 2024  
 Tested : 18 Apr 2024  
 Diagnosed : 18 Apr 2024 - Wes Davis

**ALTA EQUIPMENT COMPANY**  
 8750 PHILIPS HWY  
 JACKSONVILLE, FL  
 US 32256

Contact: TECHNICIAN ACCOUNT  
 catherine.anastasio@wearcheck.com

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)

F: (904)737-1260