



# ASCENDUM

## OIL ANALYSIS REPORT

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



Machine Id  
**VOLVO EC200E 315065**  
Component  
**Right Travel**  
Fluid  
**GEAR OIL SAE 80W90 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>ASC0009737</b>	ASC0007156	---
Sample Date		Client Info		<b>19 Jun 2024</b>	02 Apr 2024	---
Machine Age	hrs	Client Info		<b>2029</b>	1563	---
Oil Age	hrs	Client Info		<b>466</b>	1563	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>1200	<b>283</b>	474	---
Chromium	ppm	ASTM D5185m	>20	<b>2</b>	5	---
Nickel	ppm	ASTM D5185m	>5	<b>2</b>	2	---
Titanium	ppm	ASTM D5185m		<b>2</b>	1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>100	<b>22</b>	11	---
Lead	ppm	ASTM D5185m	>50	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

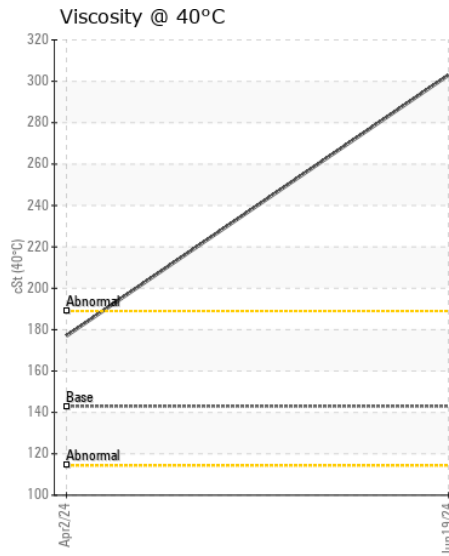
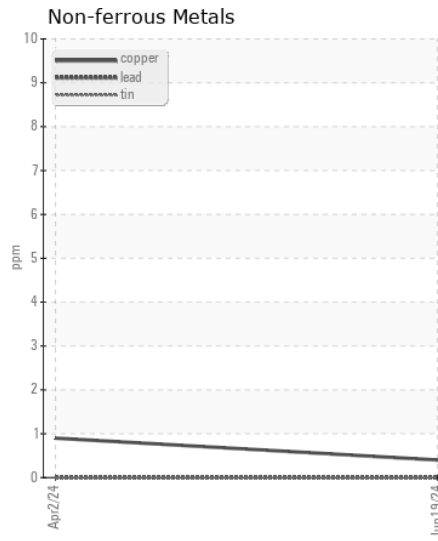
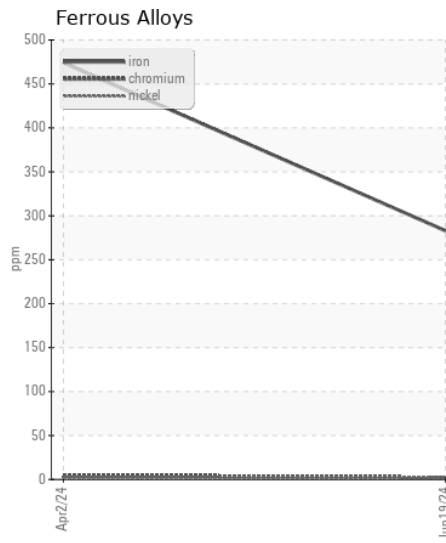
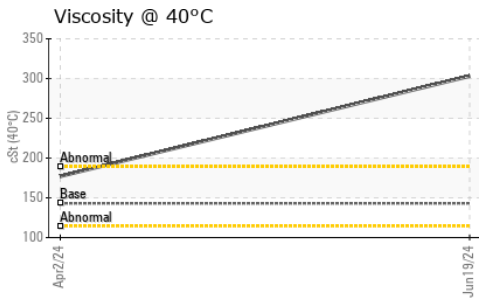
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>100	<b>67</b>	55	---
Potassium	ppm	ASTM D5185m	>20	<b>9</b>	8	---
Water		WC Method	>0.25	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>LIGHT</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	>0.25	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>170	<b>4</b>	5	---
Boron	ppm	ASTM D5185m	400	<b>132</b>	0	---
Barium	ppm	ASTM D5185m	200	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m	12	<b>0</b>	3	---
Manganese	ppm	ASTM D5185m		<b>3</b>	7	---
Magnesium	ppm	ASTM D5185m	12	<b>&lt;1</b>	2	---
Calcium	ppm	ASTM D5185m	150	<b>4</b>	13	---
Phosphorus	ppm	ASTM D5185m	1650	<b>1021</b>	363	---
Zinc	ppm	ASTM D5185m	125	<b>9</b>	18	---
Sulfur	ppm	ASTM D5185m	22500	<b>34166</b>	19082	---
Visc @ 40°C	cSt	ASTM D445	143	<b>303</b>	177	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ASC0009737  
**Lab Number** : 06217158  
**Unique Number** : 11090022  
**Test Package** : CONST

**PARAGON SITE SOLUTIONS LLC**  
 665 SEWARD AVE NW #301  
 CHARLOTTE, NC  
 US 28273  
 Contact: Service Manager

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)

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F: