



# CONSTRUCTION EQUIPMENT

## 633743 PRIMORIS VOLVO A40G 352509 - DROP BOX



**Sample No:** VCP441544  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 633743 PRIMORIS



### SAMPLE INFORMATION

Sample Number	<b>VCP441544</b>	VCP393806	VCP365213	---
Sample Date	<b>16 Nov 2023</b>	25 Apr 2023	16 Aug 2022	---
Machine Hours	<b>5500</b>	4282	3145	---
Oil Hours	<b>1500</b>	4282	500	---
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	---
Sample Status	<b>NORMAL</b>	ATTENTION	ABNORMAL	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
 8418 PALM RIVER ROAD  
 TAMPA, FL  
 US 33619  
 Contact: KENNY HANEY  
 khaney@flaglerce.com  
 T: (813)630-0077  
 F: (813)630-2233



### OIL CONDITION

Visc @ 40°C	cSt	<b>234</b>	48.4	48.4	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>10</b>	33	34	---
Sodium	ppm	<b>&lt;1</b>	6	10	---
Potassium	ppm	<b>1</b>	2	2	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>107</b>	200	153	---
Copper	ppm	<b>6</b>	37	33	---
Lead	ppm	<b>0</b>	<1	<1	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>2</b>	0	<1	---
Chromium	ppm	<b>1</b>	2	1	---
Molybdenum	ppm	<b>10</b>	11	8	---
Nickel	ppm	<b>&lt;1</b>	1	2	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>2</b>	6	6	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>34</b>	41	75	---
Magnesium	ppm	<b>5</b>	4	5	---
Zinc	ppm	<b>14</b>	125	161	---
Phosphorus	ppm	<b>1293</b>	2054	2267	---
Barium	ppm	<b>3</b>	0	0	---
Boron	ppm	<b>60</b>	106	98	---

**Depot:** VOLVO0093  
**Unique No:** 10834508  
**Signed:** Sean Felton  
**Report Date:** 19 Jan 2024



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## GRAPHS

