



# CONSTRUCTION EQUIPMENT

633743 PRIMORIS VOLVO A40G 352509 - BOGIE/CENTER AXLE



**Sample No:** VCP440796  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 633743 PRIMORIS



## SAMPLE INFORMATION

Sample Number	<b>VCP440796</b>	VCP406819	VCP365219	---
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>	3282	500	---
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	ATTENTION	ATTENTION	---

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>251</b>	▲ 51.8	▲ 52.1	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>2</b>	3	5	---
Sodium	ppm	<b>0</b>	0	<1	---
Potassium	ppm	<b>1</b>	4	3	---

## 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>74</b>	416	331	---
Copper	ppm	<b>1</b>	3	5	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>2</b>	0	<1	---
Chromium	ppm	<b>&lt;1</b>	5	4	---
Molybdenum	ppm	<b>11</b>	5	4	---
Nickel	ppm	<b>0</b>	<1	1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>2</b>	13	15	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>168</b>	17	35	---
Magnesium	ppm	<b>42</b>	1	<1	---
Zinc	ppm	<b>75</b>	15	21	---
Phosphorus	ppm	<b>1119</b>	2383	2426	---
Barium	ppm	<b>3</b>	0	0	---
Boron	ppm	<b>197</b>	152	173	---

**Depot:** VOLVO0093  
**Unique No:** 10834513  
**Signed:** Wes Davis  
**Report Date:** 18 Jan 2024



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## VOLVO GRAPHS

