



# CONSTRUCTION EQUIPMENT

## 633732 PRIMORIS VOLVO A40G 352781 - BOGIE/CENTER AXLE



**Sample No:** VCP432198  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 633732 PRIMORIS



### SAMPLE INFORMATION

Sample Number	<b>VCP432198</b>	VCP410377	VCP393776	VCP364286
Sample Date	<b>15 Nov 2023</b>	26 Apr 2023	20 Dec 2022	16 Aug 2022
Machine Hours	<b>4220</b>	3725	2564	2547
Oil Hours	<b>3720</b>	2725	1500	500
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	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>315</b>	308	264	<b>314</b>
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### CONTAMINATION

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

### 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>88</b>	71	73	83
Copper	ppm	<b>1</b>	2	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	0	<1	<1
Chromium	ppm	<b>1</b>	<1	1	1
Molybdenum	ppm	<b>1</b>	<1	1	<1
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>4</b>	4	3	3
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>86</b>	26	22	31
Magnesium	ppm	<b>&lt;1</b>	<1	3	0
Zinc	ppm	<b>22</b>	15	62	3
Phosphorus	ppm	<b>1068</b>	1081	912	1045
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>170</b>	193	172	172

**Depot:** VOLVO0093  
**Unique No:** 10765279  
**Signed:** Wes Davis  
**Report Date:** 30 Nov 2023



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## GRAPHS

