



# CONSTRUCTION EQUIPMENT

## 621714 TUCKER VOLVO A25G 752447 - BOGIE/CENTER AXLE



**Sample No:** VCP432454  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 621714 TUCKER



### SAMPLE INFORMATION

Sample Number	<b>VCP432454</b>	VCP383059	VCP386686	---
Sample Date	<b>31 Oct 2023</b>	23 Feb 2023	24 Oct 2022	---
Machine Hours	<b>2238</b>	1077	504	---
Oil Hours	<b>1500</b>	1000	500	---
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

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>233</b>	250	92.3	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>3</b>	4	4	---
Sodium	ppm	<b>1</b>	1	<1	---
Potassium	ppm	<b>3</b>	0	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>99</b>	70	187	---
Copper	ppm	<b>11</b>	7	21	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>&lt;1</b>	<1	<1	---
Aluminum	ppm	<b>&lt;1</b>	<1	<1	---
Chromium	ppm	<b>2</b>	2	4	---
Molybdenum	ppm	<b>6</b>	6	20	---
Nickel	ppm	<b>2</b>	<1	4	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>3</b>	3	9	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>261</b>	195	714	---
Magnesium	ppm	<b>9</b>	11	<1	---
Zinc	ppm	<b>132</b>	90	296	---
Phosphorus	ppm	<b>1071</b>	1010	1287	---
Barium	ppm	<b>&lt;1</b>	0	2	---
Boron	ppm	<b>163</b>	164	230	---

**Depot:** VOLVO0093  
**Unique No:** 10765283  
**Signed:** Wes Davis  
**Report Date:** 30 Nov 2023



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## GRAPHS

